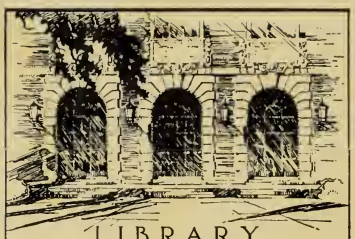


LIBRARY
OF THE
UNIVERSITY
OF ILLINOIS

C
Al5H
1887-88-1892-93

Digitized by the Internet Archive
in 2012 with funding from
University of Illinois Urbana-Champaign

http://archive.org/details/catalogueforalle8793mead

S H
88

Allegheny College,

1887-'88.

ADDRESS CORRESPONDENCE TO
REV. WILBUR G. WILLIAMS, D.D., PRESIDENT.

☞See Announcement on first page.

Announcement.

At the annual meeting of the Board of Control and Board of Trustees, in June, President D. H. Wheeler, impressed that the state of his health demanded release from the arduous duties of his office, tendered his resignation. It was accepted, and Rev. Wilbur G. Williams, D.D., of the class of '75, and eight years a professor in the College, was unanimously chosen his successor. A cordial invitation was extended to the retiring President to remain with the College as one of its professors. To this he consented, and the institution is still to have his valuable experience and services as a member of the corps of instruction. In all other respects the College Faculty remains the same as heretofore.

Rev. John H. Miller, A.M., of the class of '82, and a member of the Pittsburgh Conference, was elected Principal of the Preparatory School *vice* Prof. A. W. Newlin, resigned.

The condition of the College is prosperous and full of hope. The present liberal patronage, and the confidence it receives from its patrons and the general public, are the well-earned result of seventy years of honorable history.

It will be the aim of the new administration to maintain the high standard of its educational work; to emphasize its mission for the training of Christian men and women, and, so far as is possible, to enlarge its resources that the sphere of its influence may be extended. To the promotion of this aim the co-operation of all friends of Christian education is earnestly invited.

MAIN COLLEGE BUILDING.

ANNUAL

CATALOGUE

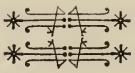
OF

Allegheny College

FOR THE

ACADEMIC YEAR, 1887-'88.

MEADVILLE, PA.

TRIBUNE-REPUBLICAN JOB ROOMS,
1888.

AC5H
1-88—1892-93

ALLEGHENY COLLEGE.

BOARD OF TRUSTEES.

EX-OFFICIO.

HIS EXCELLENCY, JAMES A. BEAVER,
Governor of the Commonwealth.

HON. HENRY W. WILLIAMS,
Chief Justice of the Supreme Court.

HON. WM. H. KIRKPATRICK,
Attorney General.

LAY TRUSTEES.

ALEXANDER BRADLEY, ESQ.	HON. S. B. DICK.
HON. B. R. COWEN.	JOS. H. LENHART.
HON. GEO. B. DELAMATER.	HON. JOHN S. M'CALMONT.
JAS. E. M'FARLAND.	ALONZO KENT, ESQ.
HON. LEWIS MILLER.	HON. J. W. F. WHITE.
HENRY K. LIST.	JAS. D. GILL.
GEO. W. HASKINS.	FRANK P. RAY.
HON. JOHN J. HENDERSON.	JOSEPH HORNE.
WILLIAM FOLTZ.	JOHN A. WOOD.
HON. JOHN F. DRAVO.	HON. SAMUEL GRIFFITH.
HARVEY HENDERSON.	S. P. OFFICER.
WILLIAM THOMAS.	W. D. PATTERSON.
JAMES P. HASSLER, M. D.	A. L. DUNBAR.
HON. J. D. TAYLOR.	GEO. P. HUKILL.
HON. B. F. MARTIN.	W. S. MORGAN.
GEORGE H. TAYLOR.	RICHARD M. BROWN.
JOSEPH WALTON.	J. G. HOLMES.

HON. J. W. LEE.

P 11797

CLERICAL TRUSTEES.

Rev. Moses Hill, D. D. — Rev. M. A. Davidson, D. D.
Rev. G. W. Clarke, D. D. — Rev. David H. Wheeler, LL. D.
Rev. Alex. Martin, LL. D. — Rev. T. L. Flood, D. D.
Rev. C. A. Holmes, D. D. — Rev. Joseph Horner, D. D.
Rev. Jonathan Hamnett, D. D. — Rev. J. R. Mills, D. D.
Rev. J. W. Miles, A. M.

OFFICERS OF THE BOARD.

Alexander Bradley, - - - - - - President
David H. Wheeler, - - - - - - Vice-President
Frank P. Ray, - - - - - - - Secretary
J. H. Lenhart, - - - - - - - Treasurer

CENTENARY BOARDS.

PITTSBURG CONFERENCE.

Alexander Bradley, - - President.
W. Van Kirk, - Secretary and Treasurer.
R. Parker. — D. H. Froelich.
Rev. J. J. McIlyar. — Rev. J. A. Swaney.
J. P. Shallenbarger.

ERIE CONFERENCE.

J. H. Lenhart, - - - President.
Rev. Charles E. Hall, - Secretary.
Wm. Thomas, - - - - Treasurer.
Rev. G. W. Clarke, D. D. — Rev. J. A. Kummer, A. M.
Hon. J. J. Henderson, A. M. — Rev. T. L. Flood, D. D.
A. L. Dunbar. — Ambro Whipple.

JOINT BOARD OF CONTROL.

Rev. J. A. Miller.
Rev. James Mechem, D. D.
C. R. Stuckslager.
Joseph L. Cooper.
Rev. L. H. Jordan.
J. A. Fullerton, D. D.
J. C. Bardall.
Hon. A. M. Poundstone.
Rev. J. N. Fradenburgh, Ph. D.
Rev. N. H. Holmes, A. M.
Gorton B. Chase.
Edward Appleyard.
Rev. R. F. Keeler, A. M.
Rev. W. H. Seeley.
F. A. Arter, A. M.
John M. Stull.

VISITING COMMITTEES.

Rev. C. W. Darrow, A. M.
Rev. J. A. Kummer, A. M.
Rev. W. W. Dale, A. M.
Rev. J. W. Blaisdell.
Hon. A. W. Tourgee.
Miss Ida M. Tarbell, A. M.
Rev. E. A. Simons.
Rev. R. B. Mansell, D. D.
Rev. A. C. Johnson.
Rev. S. T. Mitchell, A. M.
Mrs. B. F. Beazell.
Mrs. Dr. R. L. Walker.
Rev. M. W. Dallas, D. D.
Rev. J. Williams, D. D.
Rev. R. M. Freshwater, A. M.

INSTRUCTION AND GOVERNMENT.

DAVID H. WHEELER, L.L. D.,
PRESIDENT,
Professor of Social Science and English Literature.

REV. JONATHAN HAMNETT, D. D.,
LIBRARIAN,
Emeritus Professor of Philosophy.

JAMES H. MONTGOMERY, A. M.,
Professor of Natural Sciences.

REV. W. G. WILLIAMS, D. D.,
Professor of Ethics and Logic.

REV. N. LUCCOCK, D. D.,
Bradley Professor of Greek and Latin.

SAMUEL E. STILWELL, A. M., PH. D.,
Professor of Mathematics.

SECOND LT. JACOB F. KREPS, 22d Infantry U. S. Army,
Professor of Military Science and Tactics.

MISS SUSAN F. ROUSE,
Lady Principal.

REV. ALEX. WILLIS NEWLIN, A. M.,
Instructor in Hebrew and Greek.

ALBERT E. COLEGROVE, A. M.,
Instructor in Latin.

CORINTH LE DUC CROOK, B. S.,
Instructor in French and German.

WILLIAM S. TWINING, C. E.,
Instructor in Civil Engineering.

S. S. MARQUIS, W. L. SILING,
W. J. BELL, J. G. GRAFF,
E. L. BRUNDAGE,
Tutors.

OFFICERS OF THE FACULTY.

N. LUCCOCK, - - - - - - Vice-President
J. H. MONTGOMERY, - Secretary and Curator of Museums
W. G. WILLIAMS, - - Dean of Post-Graduate Department
A. W. NEWLIN, - - Principal of Preparatory Department

Description of the College.

MEADVILLE.

No city in Western Pennsylvania is more advantageously situated than Meadville. It is on the main line of the N. Y., P. & O. R. R., and has an outlet to the roads of the Pennsylvania Company, and others, by the Meadville & Linesville Railway. By either of these routes Pittsburgh may be reached in five hours, Cleveland in three hours, Erie in two hours, Cincinnati in twelve hours, and New York in fifteen hours. This arrangement gives easy and expeditious access to the city from the above and all intermediate points. The population of the town is about 10,000; it is an old and well-established city, having cultured society and many educating influences. The city has most of the modern improvements, such as illuminating gas for buildings, electric light on the streets, and natural gas fuel.

HISTORY.

Allegheny College was organized here in 1815 by citizens of the village. In 1817 they obtained for their institution a liberal charter, and in 1820 laid the foundation of Bentley Hall. In 1833, by a contract between the Trustees and the Pittsburgh Annual Conference of the Methodist Episcopal Church, the College came under the control and patronage of the Methodists of this central region. By successive divisions of the Pittsburgh Conference, the control and patronage are now vested in the Pittsburgh, Erie, East Ohio, and West Virginia Conferences. The contract between the Conferences and the Trustees guarantees a liberal and unsectarian spirit in the management of the College, and the students always represent several religious denominations.

GROUNDS AND BUILDINGS.

The College Campus embraces thirteen acres on the north side of the town, having an elevation or two hundred feet above

the river : it is well shaded with trees, and has a beautiful outlook upon the town and the adjacent hills and valleys. In natural beauty the Campus is very attractive. It is one of the most healthful places in the country. There are three large buildings belonging to and used by the College.

Bentley Hall bears the name of Rev. William Bentley, D. D., of Massachusetts, who gave his valuable library to the College. The corner stone was laid July 5th, 1820. It combines a central building, which is three stories high above the basement. The basement rooms are used for Laboratories and Shops. The stories above are devoted to Recitation Rooms, Society Halls, and the office of the President of the College.

Ruter Hall, named after Rev. Martin Ruter, D.D., the second President of the College, is a substantial brick building, erected chiefly by the citizens of Meadville in 1855. This building contains the Museums of the College, the Library, and Chapel.

Hulings Hall is a large brick edifice, erected in 1881, by Marcus Hulings, Esq., of Oil City, and the citizens of Meadville. It is used as a home for lady students, and has rooms for eighty persons. It is about one hundred by eighty feet on the ground, and four stories in height, including the mansard roof, and is supplied with gas and water, and heated by steam.

LABORATORIES AND APPARATUS.

Two large rooms, each twenty by forty feet, are fitted up in the basement of Bentley Hall for Chemical Laboratories. They are furnished with water and gas, and are supplied with neat cases and a well-selected cabinet of rare specimens.

These Laboratories accommodate forty students, with separate facilities for practical chemical and mineralogical study and analysis, according to the methods of the best scientific schools.

The College possesses extensive cabinets of Mineralogy and Conchology, and complete Chemical and Philosophical apparatus of the most improved forms.

The apparatus comprises many distinct pieces, affording ample means of illustrating every branch of Physics and Chemistry now taught in collegiate institutions. Among the more ex-

pensive instruments are the following: A compound Microscope, with accessories, manufactured by Zentmayer, of Philadelphia. A Rumkorff Induction Coil, giving a twelve-inch spark, by E. S. Ritchie & Co., of Boston. A Thilorier's Apparatus, for solidifying carbonic acid. Eighteen instruments to illustrate the laws of undulations. Auzoux's largest Anatomical Models of the Eye, Ear, Brain, and Larynx. Apparatus for reproducing Tyndall's experiments on heat. Two Polariscopes, with accessories. A Spectroscope with four Prisms. Complete apparatus for projection, including a first-class Educational Lantern, Oxy-Hydrogen Microscope, Duboscq's apparatus for projecting polarized light. Frictional Machine. Holtz Electrical Machine. A Phonograph, etc. The optical instruments, excepting the Compound Microscope, Telescope, and Astronomical Transit, were made by M. Duboscq, of Paris.

THE MUSEUM.

The Museum embraces several distinct collections of Minerals, Shells, Fossils, etc.

1. The Prescott Collection, comprising 2,200 specimens of Marine, Terrestrial, and fresh water Shells, and about 3,000 specimens of Minerals and Fossils, was collected and mounted by Dr. William Prescott, of Concord, New Hampshire.

2. The Haldeman Collection has 550 excellent and carefully labeled specimens of Minerals, and about 2,000 specimens of Shells, and was purchased by S. S. Haldeman, of Columbia, Pa.

3. The Alger Collection.—This collection, made by the late Francis Alger, of Boston, contains 5,000 specimens of Minerals, remarkable for their beauty and variety. It embraces also a large number of duplicates, and a handsome suite of about 1,500 specimens of Shells.

4. Cabinet of Lithology and Palæontology.—This contains an entire series of the well-known Ward Casts, and a very comprehensive and valuable collection of Fossils and Rocks, to which additions are being made.

5. Smithsonian Collection.—In addition to several valuable collections heretofore received from the Smithsonian Institution, there has been added a suite of over 500 specimens of

Land, Marine, and Fresh Water Shells, from Panama, Vancouver's Island, and the West Indies, chiefly obtained by the late Pro.. C. A. Adams, and authentically labeled by H. Cuming and Dr. P. Carpenter, from the collection of D'Orbigny & Cuming.

Entomological Collection.—The Cabinet of insects embraces 3,000 species, carefully and accurately catalogued and classified. It was arranged by W. O. Currier, of Providence, Rhode Island, and donated by a friend of the College.

Natural History Collection.—In addition to the above named collections there are about 1,000 Zoological Specimens, including Birds, Reptiles, Fish and Marine Animals, which are constantly being increased in number by the exertions of the friends of the department.

These valuable collections greatly increase the scientific advantages of the College, and furnish special incentives to the study of Natural Science.

THE LIBRARY AND READING ROOM.

The College Library contains about 12,500 volumes, many of them rare and valuable works, which are accessible to all students. New energy and life have been infused into the Library. Alumni and friends are invited to contribute to its enlargement.

The Library and Reading Room now occupy the whole of the third floor of Ruter Hall. Dr. Hamnett, the Librarian, gives his whole time to the Library, and has added much to its usefulness.

The Reading Room provides for the students periodical literature, American, English, French, and German, together with Dictionaries, Atlases, Encyclopædias, and other books of reference.

The Courses of Study.

There are three courses of study leading to the degree of Bachelor of Arts :

The Classical Course combines all the excellences of the time-honored classical course. By immemorial use it has proved to be the best course, and is worthy of the confidence and respect which a long and venerated observance gives. For a full and harmonious preparation for the varied professions and employments of life, it is unexcelled. The preparation required for entrance upon this course is three years of Latin ; two years of Greek ; Mathematics, through Geometry ; Physiology, Physical Geography and Botany, and the usual amount of English and History. The student will see the conditions of admission on another page.

The Scientific Course requires the same Latin preparation as the Classical, but French will be accepted in place of Greek. In the College years, the German Language takes the place of the Freshman and the Sophomore Greek, and the Sophomore Latin, and is completed in the Junior year. This course opens up the treasures of Science in the Modern Languages, and by extensive laboratory practice prepares the student for further researches in Science. Young men and women looking toward chairs of Science in schools and colleges will find this course especially adapted to them.

The Course in Latin and Modern Languages requires the same preparation as the Classical, with this exception, that six terms of French are substituted for the six terms of Greek in the second and third Preparatory years. Six terms of German are substituted for six terms of Greek in the Freshman and Sophomore years. This course has been adopted in order to accommodate students who prefer to leave out the Greek entirely and give more time to the Modern Languages.

These three courses are further enlarged by the addition of elective studies.

Of Mixing Courses.—No student will be permitted to enter upon any other Course than the one he is pursuing, without permission from the Faculty.

Examinations.—There will be three examinations of classes during the year. The first will be held on the last three days of the Fall Term; the second on the last three days of the Winter Term; the third will begin a week previous to Commencement.

Departments of Instruction.

Philosophy and Social Science.—Instruction is given in Mental Philosophy, Logic, History of Philosophy, Constitution of the United States, Social and National Economy, Æsthetics, Moral Philosophy, International Law, Municipal Law, and the Science of Language. These subjects of study will be accompanied by lectures, bearing upon certain sections of these branches. The lectures will be familiar, practical talks, rather than formal discourses. The aim of the instruction and lectures will be to qualify the students to pursue such studies after graduation.

Mathematics and Astronomy.—To the complete course in pure mathematics is added the application of Geometry and Trigonometry to Surveying and Engineering. Compass, Chains, Transit, Level, and all other necessary implements, are furnished and practically used in the field. To these branches are devoted five recitations per week through the Freshman and Sophomore years, and in the Junior year the subject of Astronomy is pursued for two terms. In the Engineering Course much more time will be given to Engineering. The Telescope (the gift of Hon. G. B. Delamater), is an 8-feet refractor, 7 1-2 inches object glass; in power capable of separating minute double stars; manufactured by A. Clark & Son, Cambridge, Mass. The Transit is a fine instrument from the hands of Stackpole Bros., New York. In addition, the College has two

Sextants, a Transit, with Meridian Finder, a Prismatic Compass, and other Instruments essential to the Department of Engineering.

Physics and Chemistry.—The leading idea in the instruction given in these subjects is to prepare the student for independent research, upon the theory that such method affords the highest mental discipline, and the most satisfactory practical knowledge. Each student, furnished with sufficient material and apparatus to enable him to do so, will pursue his own investigations, under such guidance as will secure precision in method and accuracy in results. Illustrated lectures will frequently be given to make the path clear and the labor interesting and successful.

The College has complete facilities for obtaining a thorough elementary knowledge of these branches. The costly and splendid apparatus, kept up to the times by occasional additions, and the laboratories, abundantly provided with chemical work, make these studies unusually attractive and satisfactory. The course in Chemistry, including Mineralogy, requires three consecutive terms; that of Physics three additional terms; in the scientific course chemistry continues through the Junior year and consists of analysis and assaying; and applications of Physics are studied to the end of the Senior year.

Natural History.—Zoology requires the full time of one study for two terms, The work is conducted by regular recitations five days in each week. The mode of recitation varies as the subjects presented need illustration or lecture. The use of microscopes is freely offered to all who desire to work with them; and when a naturalist is found the greatest care is given to his training. All opportunities of collections and drill are offered, and every effort is made to develop his taste for Natural History subjects. Botany is studied one term each course, and is taught by class-room drill, drawing and analysis of wild flowers. Each student will be required to prepare, carefully, a herbarium of specimens from the local flora. This gives enough practice to develop any latent natural ability for this study, and lays the fundation for future work in the study of plants.

Latin Course.—The standard for admission to the Freshman Class is equal to that in the best colleges, and the College Course is an extended one. It is aimed to do thorough and practical work, giving a good knowledge of Classical Latin, and of early forms and the history and growth of the lauguage. It is remembered throughout the Course that there is no better way to teach language generally, and especially English, than in connection with the study of Latin, and much attention is given to this. There is a course of lectures through the Sophomore year on Latin Literature and allied subjects.

Greek Course.—The Preparatory Course in Greek extends over six terms, or two full years. The first term and a half are devoted exclusively to learning the declensions and conjugations. The last four terms and a half are spent upon the seven books of Xenophon's Anabasis, or their equivalent. Such a drill is given upon every point of Grammar that this subject is thoroughly mastered before the student enters upon the work of the College Course. Two full years of the Freshman and Sophomore classes are occupied with the study of the classical authors. During the whole course, students are required to translate almost daily from English into Greek. Fifty-four lectures are delivered before the Freshman and Sophomore classes on the mythology, manners and customs, literature and art of Greece.

Modern Languages.—It is intended that in the two years' study of French and German required, the student shall read as widely as possible in modern prose, shall study several representative classic works, and shall have a general survey of the whole literature. The ability to read easily a foreign tongue, and to understand it when spoken, are the two points specially sought. Reading at sight and translating by the ear are constantly required, and comparison of etymologies and derivations is expected to free the student from a too close bondage to dictionaries. Abstracts and paraphrases of the works read, and written translations from English, serve as a drill in French and German composition. After two terms the class exercises are conducted largely in the language studied, thus training at once the ear and the tongue.

The work for the past year has been as follows:

German—(1) Otis's Grammar. (2) Boisen's Preparatory Prose, 100 pages. (3) Schiller's Tell. (4) Boisen's Prose, finished. (5) Lessing's Minna von Barnhelm. (6) Schiller's Song of the Bell; Hodges' Scientific German (as equivalent), by Civil Engineers; Heyse's Die Einsamen; Goethe's Iphegenie auf Tauris.

The third year work has been somewhat irregular, and is meant in future to be of higher grade. In Modern Prose the class have read: Benedix's Eigensinn and Einer muss heirathen, Fouque's Undine; Heyse's Vetter Gabriel; Spielhagen's Vergnuegungs-Commissar; Riehl's Burg Niedeck.

In Classic Works: Goethe's Iphegenie auf Tauris; Lessing's Nathan der Weise. Taylor's Studies in German Literature. Written translations from English and brief German essays every three weeks in second and third years.

French—(1) Otto's Grammar. (2) Grammar, Etude progressive de la langue francaise (Stern and Meras). (3) Le Voyage de M. Perrichon; Voltaire's Charles XII. (4) Knapp's French Readings; Buckingham's Philological Grammar. (5) George Sand's La Mare au Diable; A. Daudet's Contes de Lundi; A. De Musset's Il faut qu' une Porte soit ouverte ou fermee. (6) Aubert's Literature Classique (Les Horaces, Esther, Le Cid, Les Femmes Savantes, etc). Weekly dictations, written translations from English, with French essays and letters, every three weeks, have supplemented this work.

Hebrew and Greek Testament.—Candidates for the Christian Ministry may save one year of the Theological Seminary course by taking two years of Hebrew and two terms of Greek Testament, in the Sophomore and Junior years, in place of prescribed studies of those years. This plan secures to the students all the practical advantages of the former Biblical Course. The College has partaken of the recent awakening in Hebrew study. New methods of teaching have been introduced, and a lively interest has been aroused in the study of what used to be considered the driest of languages. Two full years are spent in becoming thoroughly acquainted with the language itself. Old Testament exegesis is left for the Theological Seminary.

Civil Engineering.—The College has established a Course in Civil Engineering. This course provides, first, for thorough instruction in Drawing, the want of which has long been felt in the departments of Science; and, second, for the practice in industrial drawing, which students fitting themselves for practical pursuits need and desire. The course in Civil Engineering is parallel to the other courses. The institution has long possessed the principal instruments for practical engineering, and the minor instruments will be procured as fast as they are needed. During the last year a practical work shop has been fitted up with steam engine, iron-turning screw-cutting lathe, a wood-turning lathe, forge, benches, anvil, a set of iron-working and a set of wood-working tools, together with many other useful instruments with which to train the hands. The department is new, but about forty students have been matriculated in it, and three are graduated this year.

Those who complete the course receive the degree of Civil Engineer. The course offers distinct advantages to those who have natural fitness for Engineering studies; but it is quite useless for a student to attempt to become a Civil Engineer unless he has mathematical ability. Students in this course will be expected to do a great deal of work outside of the class-room; and young men who are not industrious in their habits will not succeed in mastering the course.

Admission and Classification.

Students entering the Freshman Class will be examined in all Preparatory studies or their equivalents. Candidates for higher standing are examined also in the studies accomplished by the class to which they may desire admission. Certificates of High Schools and Academies of good standing will be accepted in place of examinations in Preparatory studies; but the Faculty reserve the right to require Preparatory work of students who are

not able to make satisfactory progress in College classes. High School certificates should be accompanied by a record of the student's standing in the several studies.

Students coming from accredited colleges with honorable dismission, and certificates of scholarship, will present their certificates to the Professors of the several departments. Such examination will be instituted in connection with the certificates as the Professors of the several departments may deem necessary. In all cases students coming from other colleges must present testimonials of good moral character and standing, and a certificate of regular dismission. These should be presented at the time of application. Young men and women are admitted to the Preparatory classes without examination.

Classification.—The classification in the Catalogue is made in May of the last term of the college year, and gives the class rank for the year.

A student having completed the studies of the Preparatory Course, or their equivalent, and Freshman year, less three, can take rank as Freshman. Having completed all the above and the studies of the Sophomore, less two, he can take rank as Sophomore. Having completed all of the above and the studies of the Junior year, less one, he can take rank as Junior.

Studies pursued in higher classes are offset against studies not pursued in the lower. If, for example, a student has pursued two Sophomore studies, they will be equivalent to any two studies not pursued in Freshman class. A study means, for purposes of classification, a term's work in any subject. There are four terms of Physics, and each term is a study for the purpose of classification, etc. When a student is dismissed at his own request, he will receive a certificate covering his work in this College.

Preparatory Instruction.

To supply the demand for a systematic and thorough course of study, adapted to the preparation of pupils for entrance to College, without loss of time, there is in connection with the

institution a Preparatory Department. The course requires three years' work, and will compare favorably with any similar school east or west. This Department is under the direct superintendence of the President and Faculty of the College. It is believed that no better advantages for a thorough and direct preparation for College can be obtained anywhere than are offered here.

Students who are nearly ready to enter College, prepared in some studies and behind in others, will usually gain time by availing themselves of the privilege of pursuing some studies in the Preparatory Department and others in the College. A whole year is often saved in this way.

All students entering the Preparatory Department should bring letters from pastors or parents, and certificates from their teachers concerning proficiency and standing, and present the same to the President. Parents and guardians are furnished with monthly statements of the conduct and class standing of students in this Department.

The Preparatory Instruction includes those electives which are accepted for entrance to the Freshman class, except that music is not taught by the College.

The Weekly Holiday.

The sessions of the College are held on Tuesdays, Wednesdays, Thursdays, Fridays, and Saturdays, leaving Monday instead of Saturday for rest. This plan is adapted to the wants of students in towns adjacent to Meadville—within forty or fifty miles—who desire to spend Sunday at home. The railroads furnish mileage tickets at reduced rates, and the clubs make a deduction for absence from the boarding tables. The cost of spending Sunday at home is in this way made small. This plan is commended to the attention of parents who may be so situated as to be able to avail themselves of its obvious advantages.

Degrees.

The degree of Bachelor of Arts is conferred upon those who complete, in a satisfactory manner, either of the three College courses.

The degree of Civil Engineer is conferred upon those who complete the Engineering course.

The degree of Master of Arts may be conferred in course on every Bachelor of Arts of three years' standing, who has been engaged since his graduation in some literary occupation, and has sustained a good moral character. Applications should be made to the President as early as the first day of June, accompanied by the usual fee of five dollars.

The degree of Doctor of Philosophy is conferred upon graduates of colleges who pass satisfactory examinations in the studies prescribed for this degree.

Military Department.

For the purpose of Tactical Instruction, male students are organized into a battalion of four companies, designated "A," "B," "C," and "D" Companies, Allegheny College Corps of Cadets.

The staff consists of—one First Lieutenant and Adjutant, one First Lieutenant and Quartermaster, one Sergeant-Major, one Quartermaster-Sergeant, two Principal Musicians. The drum corps will consist of eight drummers.

Each Company is composed of one-fourth of the total number of Cadets belonging to the battalion, excepting the staff, and having for company officers, non commissioned officers and musicians, each—one Captain, one First Lieutenant, one Second Lieutenant, one First Sergeant, two Sergeants, four Corporals, two Musicians (drummers). These officers are appointed by the Faculty of the College.

Practical Instruction.—The practical instruction in this Department consists of drills of three hours in each week. The Cadets are exercised and instructed during the year in the Infantry Tactics of the U. S. Army, comprising the School of the Soldier, with bayonet exercise and target practice; the School of the Company, comprising Company movements, in double and single rank formation, and instructions in skirmishing; the School for the Battalion; and in all ceremonies, forms of parade, and reviews and honors to be paid by troops. Instruction in Artillery is given in the School of the Soldier Dismounted, Manual of the Piece, Mechanical Manœuvers, and the School of the Battery Dismounted. Breech-loading rifles and accoutrements, and six-pounder brass guns with all the necessary ammunition, are supplied by the Ordnance Department, U. S. Army. Fresh ammunition is supplied as fast as that on hand is expended in practice. Signaling (according to the code in use in the United States Army) and fencing have been introduced, and each cadet is instructed in both of these branches. Special attention is given to target practice, and some of the cadets have made excellent records in such practice.

Uniform and Regulations.—The uniform is required to be worn on all drills, parades, and other military duties. The cost of the whole suit is between twenty and twenty-five dollars. The uniform of the Corps of Cadets will be as follows: Forage Cap, chasseur pattern, of dark blue cloth, with ornaments, consisting of gold embroidered wreath, on dark blue ground, encircling the letters A. C. in silver, old English characters. A Sack Coat of dark blue cloth, falling collar, buttoning close in the throat, single-breasted, with five cadet gilt buttons in front, three small buttons on sleeve; the skirt to extend from 1-4 to 1-3 the distance from the hip joint to the bend of the knee. The coat is to be the same pattern as that worn by United States Army officers. Trowsers of the same material as the coat, with gold cord down the outer seam. Gloves, white Berlin or lisle thread. The insignia of rank for officers the same as for Infantry officers in the United States Army. Chevrons for non-commissioned officers to be one-quarter inch gold lace, on

ground of sky-blue facing cloth, West Point pattern. Gold stars for color-guard, of the pattern in the College. All cadets who have served one year in the corps are permitted to wear upon the sleeves, below the elbow, a diagonal half chevron of gold lace, one-quarter inch wide, and an additional half chevron above and parallel to the first, for each subsequent year of service.

SUBSTITUTIONS.—Cadets taking military instructions are permitted to substitute such instruction for one study in each of two years. After two years no substitutions will be allowed, The substitute studies are: General History, Ancient History. History of Philosophy, Mathematical Astronomy, and Advanced Rhetoric. If a cadet has pursued all of these studies and desires to make a choice of other studies, he will make written application to the Faculty. In every case, the military instruction must be certified by the professor in charge of the Department before the substitutions are confirmed by the Faculty.

General Information.

RELIGIOUS CULTURE.—Chapel services are held mornings in Ruter Hall, and all students are required to be present. Regular attendance at some church (selected by the student or his parents) is also required. Five unexcused absences from church and chapel subject a student to suspension; but he may be reinstated after proper explanations. A prayer meeting is held Wednesday evening of each week, lasting one hour, from 7 to 8 o'clock. There is an organization of the Y. M. C. A. among the students of the College, and under their labors several students have, during the present year, entered upon the Christian life. The anniversary of this association is held on the last Sabbath evening of the college year. Members of the association also conduct religious services in several places in this city.

CANDIDATES FOR THE MINISTRY.—This College has educated a large number of ministers, and more than fifty candidates for

the ministry are now in its classes. Arrangements are made to give such students as much of a special education as is consistent with the obtaining of a general education. After a solid foundation of disciplinary study has been laid, special study can be made useful; without the foundation the house will be built in vain. Some of the candidates for the ministry are employed in the pulpits of the adjacent country, and are supported by the churches in whole, or part, while pursuing their studies. To a limited extent, the president is able to make loans without interest to promising candidates for the ministry. Loans have been made in this way to twenty-four students during the present year. It is believed that a mature young man can safely and prudently contract a small debt to complete his education. But it is of the first importance that the candidates for the Christian ministry receiving such loans should regard them as debts of honor and conscience. The College does not desire, by means of such loans, to impair the financial integrity of Christian ministers. On the other hand, a candidate for the ministry need have no hesitation about doing business on a business footing with the loan-fund societies. In no case, however, will more than one-half of a young minister's annual expenses be loaned to him. The candidates for the ministry are organized into a society which holds regular meetings for the study of homiletics and related subjects. At these meetings lectures are delivered by the members of the Faculty and other ministers. The following have lectured before the Students' Ministerial Society during the year 1887–8: Rev. C. E. Hall, D. D., Rev. I. Crook, D. D., Rev. D. H. Muller, D. D., Rev. James Mechem, D. D., Rev. B. F. Dimmick, A. M.

Expenses of Students.—The only charge upon students which the College makes (except for room rent in Hulings Hall), is a term fee of $10.00 a term. The College does not board students. It supplies the facilities for the Hulings Hall Club, and it rents the rooms of that hall to ladies on terms which are stated on a subsequent page. The Faculty render all possible aid to students in securing comfortable homes. New students are advised to consult the President before engaging rooms.

Students must furnish the President with the Treasurer's receipt, and register their names at the President's office. They will then be given a written permission to enter classes. No student will be received in classes without the President's permission, and this permission will not be granted until the term fee has been paid.

A fee of $5.00 is paid by every person receiving a degree from the College.

One of the curiosities of the correspondence of a college is that its intending patrons almost invariably ask to be informed about the rates for tuition, but very seldom ask the cost of living. The tuition is never more than one-third of the necessary expenses of a student, and the cost of living is the large and important item. Not satisfied with reducing the College charges to less than one-third of the usual rates in colleges of the first rank, the authorities of Allegheny College have endeavored to effect a large reduction in the cost of living. At one time—in the days of the "oil speculation"—this reduction had to be secured by providing a large dormitory building. When East Hall burned down in 1883, the speculative era had passed, and it was found that there was plenty of room for young men in private families, at moderate cost. Good furnished rooms cost each occupant about fifty cents a week, and these rooms are taken care of by the owners and not by the students. On these terms, the city has room for at least four hundred students. If the College were rich, it could not do better than this for its students; and experience proves that herding young men in barracks is not the best way to secure their moral culture.

The young men of the College may board in clubs or in private families; the latter costing about one-third more than the former. A club is simply an arrangement to divide the cost of table-board among the boarders. It is a boarding-house conducted on the co-operative principle. Provisions are bought at a discount, and expense is saved by increasing the number of boarders. The club is managed by a commissary who receives and pays the money, makes all purchases and employs the help. For this service he receives a small weekly payment from each

member of the club. The commissary is always a student, and several students work their way through college as commissaries. The cost of good table board is in this way reduced to an average of $2.25 per week. It might be considerably less if studets did not insist upon having good board. In fact, small clubs have reduced the weekly cost to $1.25 per week, and members of such clubs have not lost standing among their fellows, or in their classes. There has also been, recently, an increase of self-boarding; and those who live in this way report that the cost is about $1.25 per week. The estimate for the necessary expenses of a student of either sex is based upon good club board, and is as follows for a term of twelve weeks:

Term Fee,	$10.00
Room Rent,	6.00
Fuel and Lights,	4.00
Personal Washing,	3.00
Table Board,	26.00
Books,	4.00
Total,	$53.00

To this must be added a small annual expense in the literary society to which the student belongs. Fifty-five dollars per term is believed to be sufficient to cover the necessary expenses. The unnecessary expenses for sweetmeats, oyster suppers, concerts, etc., may be indefinitely greater. But an economical student can live on $55 a term and suffer no social disparagement. The only caste in the College is based on good conduct and good work. The cost of books varies in different terms; but the average cost per year will not exceed $12.

Club Rules.—The club commissaries of the College have agreed upon the following rules:

1. Every member of the club must deposit $10 when he enters the club, and at the opening of every term.

2. Each member must also pay at the end of the first and second months of each term the full amount of his share of the expenses for each month.

3. The deposit of $10 will be applied as far as may be needed to the expenses of the third month of the term.

These regulations are necessary to enable the commissaries to buy advantageously for cash, and to relieve all members of all risks from bad debts. There are no profits; therefore there can be no losses. A student dismissed from one club for slackness in meeting his obligations will not be admitted to any other. The club system is worth at least forty dollars a year to each student. It is therefore the interest of all to support the system by prompt payment.

Self Help.—Young men help themselves in several ways. About twenty of the present students are paying their expenses in whole or in part. There are ten or twelve employed in light work connected with the College or the boarding clubs. Others are serving churches in the neighborhood of Meadville. It is the policy of the College to help students to help themselves, and at the same time to keep the expenses as low as is consistent with comfort and health. As a rule, a student should have at least $100 in hand, or in prospect, when he enters; if he has pluck, health and studious habits, he will usually be able to go through College.

Expenses of Ladies.—The expenses of ladies are about the same as those of gentlemen. They pay in Hulings Hall for furnished rooms, heat and light, about the same rate as gentlemen pay in private houses. Each should bring with her the following articles: Sheets, pillow-cases and bed-covering; towels, napkins, knife and fork and spoon. The rooms are furnished with beds, mattresses, pillows, chairs and tables.

The Hall is in charge of a Lady Principal, under the direction of the Faculty. The building will be kept in good condition, and all required additions made to the furniture and carpets. The young ladies pay room rent directly to the Treasurer of the College at the beginning of each term, at the following rates: In the main corridors: If two occupy a room, each will pay $8 a term in front rooms, and $7 in rear rooms of the first and second floors; if one has a room exclusively she will pay double rent. In the rear corridors: Two in a room, each will pay $5 a term; if one has a room exclusively she will pay $8 a term. On the third floor each student will pay one dollar less than on lower floors.

The average cost of table board, heat and light, during the present year has been about $3.30 per week. Gentlemen are admitted to the Hulings Hall tables. They now have a separate entrance and waiting-room, and as boarders the ladies and gentlemen meet only in the dining-room. The other regulations for the visits of gentlemen at the Hall are simply those of respectable families. There are proper hours for calling and visiting in the parlors of the hall; and in respect to all social matters, the Lady Principal will carry out the instructions of the parents of young ladies. Not the smallest trouble has ever arisen in the College out of the association of the two sexes. Probably no convent in the country has been so perfectly free from any approach to scandal: but our young ladies are allowed the freedom which they would have at home. Whatever would be unladylike is forbidden; whatever prudent and affectionate parents permit is allowed. Ladies not living at home must live in Hulings Hall except when granted special permission to board elsewhere. The College will not, however, assume any responsibility for ladies not placed under its care in Hulings Hall.

Important Regulations.—The President does not excuse any student from any duties in classes. Those who wish to leave town must obtain the permission of the President. They must also obtain the assent of the instructors of their several classes. When special requests are made to the President they are understood to be made to the Faculty; and the proper form of such requests is a written application for the desired excuse or favor, and this written request should set forth plainly the reasons for it.

Special Examinations.—Students desiring special examinations are required to make application for the same at least one month before such desired examination, and no student will be allowed more than three special examinations in one year.

Number of Studies.—Every student must have not less than three studies. No student can take more than four studies without the special permission of the faculty upon written request. This request will generally be refused; very few students are

able to pursue more than four studies at one time. The effort to study five or six impairs scholarship in all. It is better not to graduate than to do so on the cramming system.

Literary Societies.—There are four literary Societies: The Allegheny, Philo-Franklin, Ossoli (the ladies' society), and the Athenian. These societies have their respective halls and libraries. The libraries contain about 3,000 volumes. The societies hold public literary exercises and prize contests in the Chapel. These societies render the College efficient services in the literary and forensic training of students, and the society friendships are invaluable to their members. The regular meetings are held on Friday evenings.

Post-Graduate Department.

The College inaugurates the department of Post-Graduate study, after almost seventy years of history, during which it has graduated nearly eight hundred students. The work is undertaken, primarily, in response to numerous requests made by the alumni to Alma Mater for further counsel and guidance in their study. The same demand is made by the spirit of the times, which not only expects the college to prescribe higher standards of under-graduate work, but also to widen the sphere of their influence in behalf of liberal culture. This expectation is realized when graduates of the colleges are stimulated to pursue courses of study of a higher range than the College Curriculum and other than those purely professional. The College presents a plan of Post-Graduate study, in the hope that to its own alumni, and to those of other colleges, it may prove the needed stimulus and opportunity.

Courses of Study.—There are ten separate courses: Mental and Moral Science; Political and Social Science; History; English Language and Literature; Physics and Chemistry; Geology, Botany and Zoology; Greek, Latin, German and French, and Mathematics. Each of these is arranged on a

basis of two years' work, though longer time may be given in special cases, if desired by the student. In some instances the candidate may be allowed to take a year each from cognate courses. All such elections, however, must be made with the consent of the faculty.

ADMISSION.—Only those who are graduates of reputable colleges are eligible as candidates in this department for the degree of PH. D. Applicants in all cases will furnish satisfactory evidence, by diploma or otherwise, of having received the Bachelor's Degree. They will matriculate by the payment of the required entrance fee, and by furnishing to the Dean of the Post-Graduate Faculty the following items: (1.) Name in full. (2.) Address. (3.) Age. (4.) Occupation. (5.) From what college graduated and what under-graduate course pursued. (6.) What post-graduate course proposed.

Candidates can matriculate at any time during the year and begin the study at once.

EXAMINATIONS.—Two examinations are required, one at the close of each year's work and covering the entire course of the year. Examinations are held in Meadville. The time will be set to meet the convenience of the candidate and the Professor in charge. Notice of from four to six weeks should be given in all cases, of readiness to appear for examination. All examination papers, theses, etc., are filed as the property of the department.

DEGREE.—The degree of Doctor of Philosophy will be conferred pro merito on those who complete any one of these courses, having previously passed the examination and complied with all other requirements of the department.

EXPENSES—The fees are as follows:

Matriculation,	$5 00
Examination, first year,	20 00
Examination, second year,	20 00
Diploma,	5 00

The outlines of courses of study will be furnished on application.

Address correspondence on this subject to the Dean of Post-Graduate Faculty, Meadville, Pa.

The College Courses.

ADMISSION.—Candidates for admission to the Freshman Class are required to pass a satisfactory examination in the following subjects:

LATIN.	Latin Grammar, including Prosody—Allen & Greenough. Latin Prose Composition. Cæsar—Four Books. Sallust—Catilinarian War, or Allen's Latin Selections. Cicero—Eight Orations. Virgil—Six Books of Æneid.
GREEK.	Greek Crammar—Goodwin's preferred. Xenophon—Anabasis, seven books complete *or* and Jones' Prose Composition, complete.
FRENCH.	Two years for the Latin and Modern Language Course. For the Scientific Course two years of French will be accepted in place of Greek.
MATHEMATICS.	Arithmetic—Goff. Algebra—Peck. Geometry—Davies' Legendre.
HISTORY.	History—United States, General History, Ancient History.
ENGLISH.	English Grammar. English Literature. Rhetoric. Civil Government.
SCIENCE.	Physiology—Cutter. Physical Geography—Maury. Natural Philosophy—Gage.

Students who are deficient in some studies and feel that they are able to make them up, may be classed Freshmen conditionally.

Three terms Drawing will be accepted in the place of certain studies marked elective in the second preparatory year.

The following subjects are required for admission to the Freshman class of the Engineering Course: Two years of Latin or French, Arithmetic, Algebra, Geometry (plane and solid), Physiology, Physical Geography, English Grammar, United States History and Descriptive Geography.

COURSES OF STUDY.--Freshman Year.

NOTE.—Studies not marked elective are required; but a sufficient number must be elected to make twenty exercises a week throughout the Freshman and Sophomore years. The Arabic numerals denote the number of recitations a week.

	CLASSICAL.	SCIENTIFIC.	LATIN AND MODERN LANGUAGES	CIVIL ENGINEERING.
FIRST TERM.	Livy—Book XXI. 5 Homer's Iliad. 5 Solid and Spherical Geometry reviewed. Original Propositions in Geom. 5 Application of Algebra to Geom. Geometric Conic Sections. Zoology I. 5	Livy—Book XXI. 5 German I. 5 Solid and Spherical Geometry reviewed. Original Propositions in Geom. 5 Application of Algebra to Geom. Geometric Conic Sections. Zoology I. 5	Livy—Book XXI. 5 German I. 5 Solid and Spherical Geometry reviewed. Original Propositions in Geom. 5 Application of Algebra to Geom. Geomteric Conic Sections. Zoology I. 5	Drawing—Free Hand. 5 German I. 5 Solid and Spherical Geometry reviewed. Original Propositions in Geom. 5 Application of Algebra to Geom. Geometric Conic Sections. Zoology I. 5
SECOND TERM.	Horace—Odes and Satires. 5 Homer's Iliad and Odyssey. 5 Logarithms—Plane, Analytical and Spherical Trigonometry. 5 Zoology II. 5	Horace—Odes and Satires. 5 German II. 5 Logarithms—Plane, Analytical and Spherical Trigonometry. 5 Zoology II 5	Horace—Odes and Satires. 5 German II. 5 Logarithms—Plane, Analytical and Spherical Trigonometry. 5 Zoology II. 5	Geometrical Drawing. 5 German II. 5 Logarithms—Plane, Analytical and Spherical Trigonometry. 5 Zoology II. 5
THIRD TERM.	Horace—Ars Poetica and Epistles. 5 Thucydides. 5 Mensuration, Surveying, Navigation. 5 Botany. 5.	Horace—Ars Poetica and Epistles. 5 German III. 5 Mensuration, Surveying, Navigation. 5 Botany. 5	Horace—Ars Poetica and Epistles. 5 German III. 5 Mensuration, Surveying, Navigation. 5 Botany. 5	Descriptive Geometry. 5 German III. 5 Mensuration, Surveying, Navigation. 5 Botany. 5

COURSES OF STUDY.--Sophomore Year.

NOTE.—Students who have not completed the Music of the Preparatory School will not elect Music in the Sophomore and Junior Years.

	CLASSICAL.	SCIENTIFIC.	LATIN AND MODERN LANGUAGES.	CIVIL ENGINEERING.
FIRST TERM.	Chemistry. 5 ELECTIVES. Tacitus--Germania and Agricola. 5 Analytical Geometry. 5 Plato—Apology. 5 German I. 5 Hebrew I. 5 Introduction to Greek Testament. 5	Chemistry. 5 German IV. 5 Analytical Geometry. 5 Botany. 5	Chemistry. 5 Tacitus--Germania and Agricola. 5 German IV. 5 ELECTIVES. Analytical Geometry. 5 Music.	Descriptive Geometry and Projections. 5 Analytical Geometry. 5 Chemistry. 5 German IV. 5
SECOND TERM.	Chemistry and Mineralogy. 5 ELECTIVES. Tacitus--Histories. 5 AnalyticalGeometry(completed)and Differential Calculus. 5. Sophocles or Euripides. 5 German II. 5 Hebrew II. 5 Greek Testament—Gospels. 5	Chemistry and Mineralogy. 5 German V. 5 Analytical Geometry and Differential Calculus. 5 Biology. 5	Chemistry and Mineralogy. 5 Tacitus—Histories. 5 German V. 5 ELECTIVES. Analytical Geometry and Differential Calculus. 5 Music.	Machine Drawing. 5 Analytical Geometry and Differential Calculus. 5 Chemistry and Mineralogy. 5 German V. 5
THIRD TERM.	Chemistery and Mineralogy. 5 ELECTIVES. Juvenal. 5 Integral Calculus. 5 Demosthenes. 5 Hebrew III. 5 Greek Testament—Epistles. 5 German III. 5	Chemistry and Mineralogy. 5 German VI. 5 Integral Calcu us. 5 Microscopy. 5	Chemistry and Mineralogy. 5 Juvenal. 5 German VI. 5 ELECTIVES. Integral Calculus.5 Music.	Machine Drawing. 5 Integral Calculus. 5 Chemistry and Mineralogy. 5 German VI. 5

COURSES OF STUDY.—Junior Year.

Eighteen Exercises a week are required.

	CLASSICAL.	SCIENTIFIC.	LATIN AND MODERN LANGUAGES.	CIVIL ENGINEERING.
FIRST TERM.	Physics. 5 Advanced Rhetoric. 5 ELECTIVES. Hebrew IV. 5 Descriptive Astronomy. 5 Civil Liberty. 3 Higher Mathematics. 3 German IV. 5	Physics. 5 Chemistry—Quan. and Qual. 3 Descriptive Astronomy. 5 ELECTIVES. Advanced Rhetoric. 5 German VII. 5 Civil Liberty. 3 Higher Mathematics. 3	Physics. 5 Advanced Rhetoric. 5 ELECTIVES. Descriptive Astronomy. 5 Civil Liberty. 3 Higher Mathematics. 3 German VII. 5 Music.	Physics. 5 Practical Surveying. 5 Drawing — Shades, Shadows and Perspective. 5 ELECTIVES. Chemistry—Qual. and Quan. 3 Higher Mathematics. 3
SECOND TERM.	Physics. 5 Evidences of Christianity. 5 ELECTIVES. Hebrew V. 5 Modern History. 5 Higher Mathematics. 3 German V. 5 English Philology. 3	Physics. Chemistry—Quan. and Qual. 3 Evidences of Christianity. 5 ELECTIVES. German VIII. 5 Modern History. 5 Higher Mathematics. 3	Physics. 5 Evidences of Christianity. 5 ELECTIVES. German VIII. 5 Modern History. 5 Higher Mathematics. 3 English Philology. 3 Music.	Physics. 5 Civil Engineering. 5 Topographical Drawing. 5 ELECTIVES. Chemistry—Qual. and Quan. 3 Higher Mathematics. 3
THIRD TERM.	Physics. 5 History of Civilization. 3 ELECTIVES. Hebrew VI. 5 Mathematical Astronomy. 3 Modern History. 3 Shakespeare. 2 German VI. 5 Higher Mathematics. 3 Constitution United States. 2	Physics. 5 Mathematical Astronomy. 3 Chemistry—Assaying 3 ELECTIVES. German IX. 5 History of Civilization. 3 Modern History. 3 Shakespeare. 2 Higher Mathematics. 3 Constitution United States. 2	Physics. 5 History of Civilization. 3 ELECTIVES. German IX. 5 Mathematical Astronomy. 3 Modern History. 3 Shakespeare. 2 Higher Mathematics. 3 Constitution United States. 2 Music.	Physics. 5 Railroad Engineering. 5 Topographical Drawing. 5 ELECTIVES. Chemistry—Assaying. 3 Higher Mathematics. 3

COURSES OF STUDY.—Senior Year.

All studies are required.

	CLASSICAL.	SCIENTIFIC.	LATIN AND MODERN LANGUAGES.	CIVIL ENGINEERING.
FIRST TERM.	Metaphysics and History of Philosophy. 5 Bible Study. 3 Logic. 5 English Literature. 3	Metaphysics and History of Philosophy. 5 Advanced Physics. 3 Logic. 5 English Literature. 3	Metaphysics and History of Philosophy. 5 Bible Study. 3 Logic. 5 English Literature. 3.	Shop Practice in Wood. 5 Advanced Physics. 3 Descriptive Astronomy. 5 Logic. 5
SECOND TERM.	Geology. 5 Political Economy. 3 Metaphysics and History of Philosophy. 5 English Literature. 3	Geology. 5. Political Economy. 3 Metaphysics and History of Philosophy. 5 Advanced Physics. 3	Geology. 5 Political Economy. 3 Metaphysics and History of Philosophy. 5 English Literature. 3	Geology. 5 Advanced Physics. 3 Analytical Mechanics. 5 Bridges and Roofs. 3
THIRD TERM.	Geology. 3 Moral Philosophy. 5 International and Municipal Law. 3 Political Economy. 3 Theism, or Science of Language. 2	Geology. 3 Moral Philosophy. 5 International and Municipal Law. 3 Political Economy. 3 Advanced Physics. 3	Geology. 3 Moral Philosophy. 5 International and Municipal Law. 3 Political Economy. 3 Theism. 2.	Geology. 3 Advanced Physics. 3 Mathematical Astronomy. 3 Shop Practice in Iron. 5 Strength and Resistance of Material. 2

PREPARATORY SCHOOL.--Course of Study.

NOTE.—Studies not marked elective are required; but a sufficient number must be elected to make twenty exercises per week. Classical students will elect Greek. Only students of the Latin and Modern Language Course will elect Music. No Music will be credited without a certificate from the Director of the Conservatory stating that the necessary amount of work has been completed. Six English Essays will be required each year.

	FIRST YEAR.	SECOND YEAR.	THIRD YEAR.
FIRST TERM.	Latin Grammar and Lessons. 5 English Grammar. 5 Complete Arithmetic. 5 United States History. 3 Descriptive Geography. 2	Cæsar and Latin Composition. 5 Algebra I. 5 ELECTIVES. Greek Grammar and Lessons. 5 French I. 5 Physiology. 5 Drawing. 5	Cicero and Latin Composition. 5 Advanced Algebra and Elementary Determinants. 5 ELECTIVES. Anabasis and Greek Composition. 5 French IV. 5 Elementary Rhetoric. 4 Elocution. 1 Music.
SECOND TERM.	Latin Grammar and Lessons. 5 English Grammar and Composition. 5 Complete Arithmetic. 5 General History. 5	Sallust and Latin Composition. 5 Algebra II. 5 ELECTIVES. Greek Grammar and Lessons. 5 French II. 5 Ancient History. 5 Drawing. 5 Music. 5	Virgil and Mythology. 5 Plane Geometry. 5 ELECTIVES. Anabasis—four books complete, and Greek Composition. 5 French V. 5 English Literature. 4 Elocution. 1 Music.
THIRD TERM.	Cæsar and Latin Composition. 5 Civil Government. 5 Elementary Algebra. 5 Physical Geography. 5	Cicero and Latin Composition. 5 Algebra III. 5 ELECTIVES. Anabasis and Greek Composition. 5 French III. 5 Natural Philosophy. 5 Drawing. 5 Music.	Virgil and Mythology. 5 Solid and Spherical Geometry. 5 ELECTIVES. Herodotus or Lucian. 5 French. 5 English Literature. 4 Elocution. 1 Music.

MEADVILLE
Conservatory of Music.

Chartered under Laws of Pennsylvania.

BOARD OF TRUSTEES.

Hon. John W. Babcock.
Hon. David Emery.
A. M. Fuller.
George P. Hukill.
Leon C. Magaw.
John Dick.
T. L. Flood, D. D.
E. A. Hempstead.
T. B. Lashells, M. D.
Col. Lewis Walker.
Wilbur G. Williams, D. D.

OFFICERS.

President, - - - - T. L. Flood, D. D.
Vice-President, - - - T. B. Lashells, M. D.
Secretary, - - - - E. A. Hempstead.
Treasurer, - - - - Col. Lewis Walker.

EXECUTIVE COMMITTEE.

W. G. Williams. A. M. Fuller. John Dick.

CONSERVATORY FACULTY.

DAVID H. WHEELER, D. D., LL. D.,

PRESIDENT.

F. A. REYNOLDS,

DIRECTOR OF MUSIC,

Piano, Harmony.

MRS. JUVIA C. HULL,

Voice Culture, Oratorio, Concert Singing.

GEORGE W. DIXSON,

Organ, Piano, Sight Singing.

L. W. SABIN,

Flute, Piccolo, Reed Band and Orchestral Instruments.

F. B. NICHOLS,

Violin and all Stringed Orchestral Instruments.

F. P. BOYNTON,

Cornet and all Brass Instruments.

*_____

Professor of French, German and Italian Languages.

MRS. J. W. STURDEVANT,

Drawing and Painting.

* This department will be filled by the opening of the next year.

General Description.

At the annual meeting, June 23d, 1886, the Trustees of Allegheny College authorized the affiliation of the Meadville Conservatory of Music with the College. Each of the institutions remains under its own management, but students in each may avail themselves of the advantages of the others.

Students in the Preparatory School also may study music in the Conservatory. In the preparation for the Latin and Modern Language Course, students may elect two years of Music as a substitute for Historical and other required studies. In the college years of the same course, two years of Music may be elected as a substitute for an equal amount of the required studies. Students making these elections will pay their music bills to the Director of the Conservatory of Music.

Broad Culture Afforded.—The Meadville Conservatory of Music was established for the purpose of affording superior advantages for the study of Music in all its higher branches. It is a universally conceded fact that the intelligent, careful study of Music tends to give a refinement to the general manners and to elevate the artistic taste to the greatest degree. The courses of study pursued are similar to those of the successful schools of music in Europe and America, and are calculated to make cultured, thoroughly competent and skillful musicians of the graduates of this school; also to give them a system or school for their use when they in turn wish to become professional teachers. But to the end that the musical education may not be one-sided, or a mere striving after superior technique, we hold such relations with Allegheny College that, if necessary, our students may pursue such studies of its courses as will give a harmoniously rounded education.

Studying Professionally.—All persons studying music, with a view to eventually become professional musicians or teachers, should connect themselves at the earliest opportunity with a reputable conservatory, as the advantage of so doing is inestimable in giving a broad, general musical education; by

hearing all schools of music; being in contact with earnest and enthusiastic students; gaining the experience and knowledge of scores of fellow-workers in the conservatory classes and recitals, and also for the PRESTIGE it gives after graduation when applying for professional situations, etc.

Parents and others bearing the expense of educating children, even if done without thought of their ever being obliged to use the education as a means of gaining a livelihood, demand that the most thorough systems and careful teaching shall be given in return for their money. This, of course, is proper, and the best of teachers can be obtained for lessons at a nominal sum, comparatively, in a large conservatory, whose prices for private instructions would be beyond the reach of the masses.

BEGINNERS RECEIVED.—Pupils are received in all grades of advancement from beginners up to whatever degrees of proficiency they may have attained.

NEW CLASSES.—All classes are formed at the beginning of the terms, and the new students should be ready to commence at that time, although they are received at any time during the school year. Yet for obvious reasons better class-work is done where all have been over the same principles together with the same teacher.

FREE CLASSES.—There are two Free Classes which any pupil of the Conservatory has the privilege of entering without extra tuition, namely: Sight Singing and Cathechism of Music.

Lectures on music and musicians, and on the works of the masters, also the recitals by pupils in all branches of the technical study during each term, are free to the students of the Conservatory.

LECTURES.—Historical and critical lectures will be given by Professor Reynolds, which will ultimately cover the entire field of modern musical production, from Sebastian Bach to the latest composer of established reputation. These lectures will be illustrated by choice selections from the works of the masters, vocal and instrumental, solo and concerted.

RECITALS.—The students' recitals present a privilege of the greatest benefit to pupils on account of the opportunity to hear

and become familiar with so much more music than the single pupil could find time to read; and also the very experience of performing brings with it the composure and confidence necessary in public performance.

St. Cecilia Society.—The St. Cecilia Society is composed entirely of ladies, and meets once a week for the purpose of singing duets, trios, quartets and other compositions for female voices.

Philharmonic Society.—All vocal pupils are organized into a singing society, under the supervision of the Director of Music, for the study and the public rendering of oratorios, grand choruses, selections from operas, masses, etc., assisted by eminent solo talent in all branches, thereby affording excellent opportunities to pupils for hearing and learning properly the celebrated and difficult works of all schools of music.

Recitations.—Pupils studying Piano-forte, Organ, Voice, Violin, Cornet or other instruments, receive two lessons per week. Classes in Harmony, Theory, Sight Singing, etc., meet twice a week.

The Philharmonic and St. Cecilia Societies, and the free class in Theory, meet once a week.

DEPARTMENTS OF INSTRUCTION.

A school for the Piano.

A school for the Organ.

A school for Singing, Formation and Cultivation of the Voice, Concert Singing, etc.

A school for the Violin, Orchestra, Quartet and Ensemble playing.

A school for all Orchestral and Band Instruments, and the Art of Conducting.

A school for Harmony, Composition, Theory and Orchestration.

A school for Church Music, Oratorio and Chorus Practice.

A school for training Music Teachers for Public Schools, Conventions, etc.

A school for the Italian, French and German languages.

A School of Art.

THE PIANO-FORTE.—In the study of the piano, the pupil is required to pursue the most thorough modern system of technical training practicable ; first, exercises for the perfect control over the muscles of the fingers, hands and arms; second, etudes by the composers, designed to unite the purely technical work with artistic style and expression; third, study of compositions by the best writers for the piano-forte, with ensemble playing for æsthetic development.

The highest possible technical proficiency is insisted upon, as a means to the attainment of true musical intelligence and appreciation.

The six grades are:

1. Notation, forming hands, elementary exercises.
2. Easy exercises, recreations, fingering studies.
3. Etudes, scales (major, minor and chromatic).
4. Octave etudes, arpeggios, two-voiced inventions, turns, trills, etc.
5. Octave etudes, three-voiced inventions, studies in style and phrasing.
6. Transcriptions, fugues, sonatas, concertos, ensemble playing.

HOURS OF PRACTICE.—Piano pupils will be expected to practice at least the following number of hours per day in the different grades, namely : 1st grade, 1 1-2 hours ; 2d grade, 2 hours; 3d grade, 3 hours ; 4th and 5th grades, 4 hours ; 6th grade, 5 hours. The time to be divided on Scales, Etudes, Arpeggios and Pieces as directed by the teacher.

THE PIPE ORGAN.—The Meadville Conservatory of Music affords the most complete facilities for the study and practice of the church organ, the pupils doing their actual work on fine large organs.

The course includes:

1. A thorough study of obligato pedal playing.
2. A knowledge of harmony and theory.
3. The art of accompanying, and in the third and fourth grades, the study of the standard masses and oratorios.

4. Standard organ voluntaries for church service.

5. Art of improvising.

6. Concert music, modern and classical, from the important works of great masters.

The study of Harmony, and later, Theory, should begin with the first organ lesson, to make the finished and successful organist in all branches of the church service.

Students are advised not to begin the study of the pipe organ until after at least one year's piano-forte study.

Cabinet Organ.—A systematic course is prescribed for students on the cabinet organ, enabling the pupil to play all styles of cabinet organ music, including church music, short voluntaries and interludes.

The continuance of the study of organ music leads to a course on the pipe organ.

Voice Culture.—In the Vocal Department there are both private lessons and class instruction; also, chorus classes studying the best of quartets, glees, anthems, etc., giving the fullest practice in all branches of this study.

The development and cultivation of the voice includes:

1. Manner of producing a pure tone and forming an even register.

2. Technical studies, vowels, consonants.

3. Etudes for strength, control, agility and flexibility of muscles.

4. All major, minor and chromatic scales, and arpeggios.

5. Trills, turns and embellishments.

6. Studies in style and expression, from the best songs, arias from operas, solos from oratorios, masses, etc.

Sight Singing and Vocal Music in the Public Schools.—Competent, thoroughly qualified teachers in this department are in great demand. A complete course is given to all students at the Conservatory free of the special tuition charged to those simply taking this branch of music only as a study, this being one of our "free classes."

All pupils, whether of instrumental or vocal music, ought to

enter the department of Sight Singing. The ability to read music at sight lies at the basis of a truly successful music education.

If the pupil early acquires the ability of singing or reading at sight, he will save months of hard work.

New classes are formed every term. Holt's System, as taught in all the leading progressive schools, is used.

Classes are formed for the practice of hymns, glees, anthems, choruses, etc. Private vocal pupils are admitted free to this class, and required to attend.

STRINGED INSTRUMENTS.—In this department thorough instruction is given upon the violin, viola, violoncello and double bass.

The course is laid out in six grades:

1. Proper holding of instrument and bow, notation.
2. Easy exercises, scales, recreations.
3. Etudes, arpeggios.
4. Duos, trios, quartets.
5. Ensemble playing.
6. Solo studies, fantasias, sonatas, concertos.

The David School for the Violin, as taught at Leipsic, is used.

Pupils will have the advantage of playing in the Conservatory Orchestra as soon as they are proficient enough to profit by the opportunity.

BRASS AND REED BAND AND ORCHESTRAL INSTRUMENTS.—Complete and thorough instruction in each and every instrument necessary for the orchestra, reed and brass band.

The six grades are:

1. Position of mouthpiece, method of striking tones, breathing, notation.
2. Preparatory studies, easy recreations, duets.
3. Scales, arpeggios, etudes.
4. Grace notes, appoggiaturas, turns, trills.
5. Triple-tongueing, sixteenth note studies in major, minor and diminished chords.

6. Art of phrasing, characteristic studies, fantasias and airs varies.

Orchestra and Band Practice.—All students of the violin, orchestral and band instruments are organized into an orchestra or band for the practice of ensemble playing; studying and performing selections, and accompanying the singing society in the public concerts and recitals of the Conservatory.

Harmony, Theory, Composition and Orchestration.—The want of knowledge of the science of harmony is the secret of so many failures in teachers of music. The successful teacher has a thorough knowledge of this science and uses it in the demonstration of every lesson he gives.

There are many fitting themselves for teachers who have overlooked this important fact. The classes in harmony are graded and pupils are received into the class they are qualified to enter.

The course includes a thorough practical and theoretical knowledge of the system of musical notation; a comprehension of the relationship of the major and minor keys or scales; the structure and progressions of chords; the art of correctly noting melodies; two, three and four-part-composition; musical form; orchestration.

Lessons.—Pupils receive two lessons in each branch of music per week in the regular graduating courses. The Conservatory term consists of ten weeks (twenty lessons). No deduction for lessons missed.

Pupils may enter the Conservatory at any time, but if possible it is always better to commence with a new term.

Four Years' Course.—The course comprises four years' work, and is divided into six grades of three divisions, namely: Preparatory, Intermediate and Advanced (each division containing two grades).

Payment of Tuition.—The payment of Tuition is invariably required in advance. No student received for less than a term's work in any branch of music. Students will first register their names at the Director's office. They will then be given a

written permission to enter classes. No student will be received in classes without the Director's permission, and this permission will not be granted until the term fee has been paid.

RATES OF TUITION.

For private lessons per term of ten weeks, two lessons per week, payable in advance:

Piano, Voice, Violin, Cabinet Organ, Cornet, 1st and 2d grades, each,	$15 00
Piano, Voice, Violin, Cabinet Organ, Church Pipe Organ, Cornet, 3d, 4th, 5th and 6th grades, each,	20 00
Harmony,	15 00
Theory of Music,	15 00
Counterpoint,	15 00
Composition,	15 00
Orchestration,	15 00
Class in Sight Singing,	2 00
Estimated expenses per term for music used, about,	5 00
Rent of Piano, one hour per day, per term,	3 00
Rent of Pipe Organ, two hours per day, per term,	5 00

(Organ blowing extra, about 15 cents per hour.)

Special attention is called to the fact that the above terms are for PRIVATE LESSONS in Piano, Voice, Violin, Cornet, etc., and class lessons in Harmony, Theory, Orchestration.

GRADUATION.—The candidates for graduation in piano-forte, voice, violin, orchestral and band instruments are required to finish the courses of study in Harmony and Theory of Music.

The candidates for graduation in organ playing are required to finish the courses of study in Harmony and Theory of Music, and are expected to join the class in chorus singing, to familiarize themselves with a good collection of sacred music and the proper rendering of the same.

The candidates in Vocal Music are expected to take piano lessons for at least three grades, in order to assist them in their vocal as well as theoretical studies, and make them competent to play their own accompaniments.

DIPLOMAS.—Diplomas are given the graduates of these different courses, signed by the President of the Faculty, Director of Music, and teachers of the various departments from which they are graduated.

LADY STUDENTS' HOME.—Ladies studying music only are admitted to Hulings Hall, on the same terms as other lady students. See page 26.

CORRESPONDENCE.

For further particulars, or any information concerning the Conservatory of Music not found in this catalogue, address PROF. F. A. REYNOLDS, DIRECTOR MEADVILLE CONSERVATORY OF MUSIC, Meadville, Pa.

Department of Art.

This department is under the charge of Mrs. J. W. Sturdevant, who has studied in New York several years with eminent artists, and with the Art League. Mrs. Sturdevant's work as an artist ranks high, and that as an Art teacher she has had marked success.

There will be thorough courses of study in Drawing from the Antique, in Perspective, and in Painting in Oil and Water Colors. For students of sufficient advancement, a class in Drawing from Life will be formed. There will be additional classes in Sketching and in Decorative Art.

The principles and practice of Art will be taught chiefly through the study of Antique Sculpture. On passing a satisfactory examination in this, students can enter other classes.

The Studio is fully equipped with the finest full-sized casts of antique statuary, with studies drawn or painted from nature, etc.

In the preparation for the Latin and Modern Language Course, students may elect two years of Music or Art as a sub-

stitute for Historical and other required studies. In the college years of the same course, two years of Music or Art may be elected as a substitute for an equal amount of the required studies.

RATES OF TUITION.

For term of ten weeks, two lessons per week, payable in advance.

Drawing from Antique or from Life, and use of Studio 3 hrs. daily,	$15.00
Painting in Oil or in Water Colors, and use of Studio 3 hrs. daily,	15.00
Perspective,	10.00
Sketching,	5.00

To members of the class in Antique Drawing, or the class in Painting, the Sketching will be free.

For further particulars address Prof. F. A. Reynolds, Director, or Mrs. J. W. Sturdevant.

Register of Students.

POST-GRADUATE.

NAME.	RESIDENCE.
Benham, George A., (1)	Courtland, New York
Crouch, John M., (4)	Evansburg
Fuller, Clifford W., (1)	Chardon, Ohio
Gallup, William H., (2)	Youngstown, Ohio
Grote, Charles A., (7)	Greensboro, Alabama
Heckel, Edward B., (5)	Bloomington, Illinois
Kellogg, Hiram W., (4)	New Lisbon, Ohio
Miles, Joseph W., (4)	Pittsburg
McKay, John S., (5)	Malone, New York
Sturdevant, James W., (1)	Meadville
Wright, Joseph E., (6)	California
Wood, Emory M., (5)	Baldwin City, Kansas

The figures refer to Courses of Study, as follows: (1) Political and Social Science. (2) English Language and Literature. (3) Mathematics. (4) Mental and Moral Science. (5) Physics and Chemistry. (6) History. (7) French and German.

SENIORS.

Apple, Alice,	Meadville
Armstrong, Frank Lyman,	Meadville
Bell, John William,	Creedmore, Canada
Bell, Ernest Albert,	Creedmore, Canada
Bird, Levi,	Freeland
Boush, Albert Lewis,	Meadville
Carr, Horatio Chauncey,	Union City
Douglass, Gertrude,	Meadville
Ellsworth, Wilfred W.,	Summit Station
Fenno, Frank Ernest,	Corry
Fenton, John Greenlee,	W. Williamsfield, Ohio
Fradenburgh, Lillian F.,	Oil City
Frey, Elizabeth Hay,	Meadville
Graff, James G., (E.)	Blairsville
Grove, Leon Vance	New Lebanon

HOWELL, DANIEL W., . . Pleasant Valley, New York
JASON, WILLIAM CHARLES, . . Meadville
KERR, FRANK MELVILLE, . . . Adamsville
LINDSEY, CHARLES G., ... Warren
LUCCOCK, HENRY HAVELOCK, . . Kimbolten, Ohio
MCQUISTON FRED. H., (E.) . . Saegertown
NOSS, WILLIAM TELL, . . Strasburg, West Virginia
PARSONS J. ARNOLD, . . . Saegertown
PERRY, BEDFORD LEAK, . Malden, West Virginia
PETTY, JAMES TAYLOR, ... Beaver
PUTNAM, BESSIE L., . . . Harmonsburg
RICE, MYRTIE A. E., . . Westfield, New York
SACKETT, WARD M., (E.) . . . Meadville
SWARTZ, LILLIAN MAY, . . . Meadville
SMITH, HIRAM ELBERT, . . . Guy's Mills
TOMES, SAMUEL ALEXANDER, (E.) . . . Pittsburg
WARD, JAMES M., ... Dempseytown
WISE, DAVID MORRIS, (E.) . . Girard, Ohio

JUNIOR.

Askue, Wm. L., . . . Jefferson, Ohio
Brundage, Ena L., . . . Pecksville
Blaisdell, Thomas Charles, . . . Titusville
Cattern, Frank A., ... Mt. Ayer, Iowa
Christy, Frank S. (E.) . . . Allegheny City
Coup, George G. . . . . Venango
Couse, Edwin P., ... Sheakleyville
Elliot, Will A., . . . Greensburg, Ohio
Foster, Henry Cooper, ... Clintonville
Goodfriend, Aaron I., . . . McKeesport
Hoskin, Ellen V., . . . Garrettsville, Ohio
Howe, Fred C., ... Meadville
Hunsberger, Wm. H., . . . Barkleyville
Laffer, Corney C., . . . Meadville
Lindsey, Alton C., . . Sherman, New York
Lindsey, Fred Brooks, . . Sherman, New York

Students whose names are followed by (E.) are in the Engineering Department; others are in the A. B. Courses.

McFate, Francis J., ... Cochranton
McNair, Jr., Wm., ... Oil City
Mixer, Edward, ... Union City
Miner, Frank B., ... Warren, Ohio
Nash, John C., ... Canfield, Ohio
Newcomb, Frank O., . . Middlefield, Ohio
Patterson, Gaylord Hawkins, . . Slippery Rock
Proper, Emerson E., . . . Titusville
Reitz, Ralph B., ... Stanton
Richey, Joseph Burdette, ... Sunville
Robinson, Adelaide, ... Butler
Rudkin, John Joseph, . . . Kinsman, Ohio
Smith, Jessie, ... Harmonsburg
Silliman, J. W., (E.) . . . Union City
Snyder, Gertrude Leigh, . North Bloomfield, Ohio
Varner, Weldon P., . . Salem, West Virginia
Walton, Calvin L., . . . Centre Road Station
Wood, James B., ... Pittsburg
Wood, Elizabeth Corinne, . . . Pittsburg

SOPHOMORE.

Anderson, J. Robert, . . Randolph, New York
Barcus, Wm. E. E., . . Moorton, Delaware
Barrett, Harry M. W., . . . Titusville
Bray, Frank Chapin, ... Warren
Cramer, Thos. Edmond, . . . Johnstown
Crowthers, Robert Coulter, . . Wood's Run
Dean, Salem A., ... Reno
Dunn, Harry, . . . Connellsville
Dice, Frank M., ... Akron, Ohio
Dobson, John Milton, . . . Coaltown
Espy, Harry Boyd, ... Erie
Fell, John Merritt, . . . Meadville
Fuller, George Howard, . . Garrettsville, Ohio
Fradenburgh, Adelbert G., . . . Oil City
Gibson, James Stewart, . . . Meadville

Students whose names are followed by (E.) are in the Engineering Department; others are in A. B. Courses.

Heiser, William G.,	Maysville, Kentucky
Household, Harry,	West Newton
Hawk, John Bunyan,	Sharpsville
Johnson, William W.,	West Middlesex
Miller, Henrietta E.,	Brownsville
Mobray, Flora A.,	Meadville
Mattern, Edwin LaFayette,	Huntingdon
Newkirk, Charles E.,	West Middlesex
Porter, John L.,	Meadville
Siling, Will Lester,	Greensburg, Indiana
Wakefield, Jas. Alfred,	Redstone
White, Lorell E.,	Conneautville

FRESHMAN.

Barnes, Arthur A., (E.)	Pleasantville
Bates, Josephine Margaret,	Meadville
Byers, Henry Booth,	Cooperstown
Brown, Alex. McLeod,	Pleasantville
Baldwin, Lee A., (E.)	Kinsman, Ohio
Benson, Paul A.,	Waterford
Booth, William J., (E.)	Meadville
Bullock, Fred Lucas,	New Castle
Carr, Alvah Lemuel, (E.)	Mosiertown
Chaffee, Willis L.,	Hatch Hollow
Cooper, Charles J.,	Edinboro
Clark, Ellen,	Union City
Campbell, Shields A.,	Indiana
Chesbro, Helen,	Willoughby, Ohio
Chapman, Edwin A., (E.)	Espyville
Collins, Frank Alonzo,	Espyville
Christley, Samuel Johnson,	Moniteau
Crittenden, Alice Gertrude,	Mansfield
Christy, Mary,	Allegheny
Christy, Kate,	Allegheny
Corey, George Washington,	North East
Deming, William C.,	Mount Olivet, Kentucky

Students whose names are followed by (E.) are in the Engineering Department; others are in A. B. Courses.

Dunkle, Valentine F.,	Meadville
Ehrenfeld, James Gilbert, (E.)	Gallitzin
Elliott, Robert Wallace,	Greene
Evans, Alice Mildred,	Corry
Farrell, James Marquis,	Elgin
Fell, George William,	Meadville
Fetch, William Erastus,	Jefferson
Flood, Ned Arden,	Meadville
Gageby, Frank L.,	Greensburg, Indiana
Hersperger, Edward A.,	Pittsburg
Hawk, Charles Barnes,	West Middlesex
Harper, Florence,	Meadville
Harmon, Mary Patterson,	Corry
Howe, Charles L.,	Meadville
Household, Vina Gertrude,	West Newton
Hood, James Earl,	Millers Station
Hopkins, David Perry,	Willoughby, Ohio
Jewell, Charles Sherman,	Sherman, Ohio
Johnson, Harry P.,	Blairsville
Keeler, Russell Vincent,	Bellaire, Ohio
Keeler, Anna Cecilia,	Bellaire, Ohio
Knox, John Ahmed, (E.)	Alverado, Texas
Large, Horatio Marcus, (E.)	Jamestown
Lashells, Edward T.,	Meadville
Lockard, John Archbold,	Franklin
Mount, Carrie Frances,	Oil City
Marquis, Samuel Simpson,	Sharon
Morrison, Thomas M.,	Edinboro
McClure, Charles Noble,	Sharon
Newcomb, Harry Opedyke,	Middlefield, Ohio
Newcomb, Fred Carter, (E.)	Middlefield, Ohio
O'Niel, Dora,	Elizabeth
Pond, Ernest,	Meadville
Putnam, Xeno,	Harmonsburg
Russell, Fred A.,	West Middlesex
Ross, Clarence F.,	Mill Village

Students whose names are followed by (E.) are in the Engineering Department; others are in A. B. Courses.

Smith, Wesley Linford, (E.) . . . Pittsburg
Sweeney, Martin Joseph, ... Kane
Stubbs, Francis Gurney, . . . Meadville
Stenger, William Henry, ... Greenville
Slaven, James Birney, (E.) . . . Meadville
Pickett, Lucy, ... Meadville
Whitely, Joseph, . . . West Philadelphia
Wisman, John Poe, . . . Ravenna, Ohio
Work, Fred Raymond, . . . Meadville
Williams, Ulysses Grant, . . Mineola, New York

THIRD PREPARATORY.

Allen, Louise, ... Corry
Black, Frank Willis, ... Bruin
Brubaker, Benjamin Franklin, . . . Fairview
Bumgarner, George, ... Carmichaels
Chalfant, Harry Malcolm, . . . Coal Centre
Davis, William Herman, . . . Kane
Densmore, Clinton, (E.) . . . . Meadville
Evans, Alvin Martin, (E) . . . Oil City
Echols, Monroe Justice, ... Fredonia
Freeman, Chas. H., ... Espyville
Foote, Stella Louisa, ... Wattsburg
Foust, Alberta A., . . . Sterling, Illinois
Good, Anna, ... Meadville
Gibson, John Arthur, . . . Blooming Valley
Gamble, William M., . . . Mosiertown
Hubbell, Wesley A., . . . Randolph, New York
Johnson, William Lee, . . . New Castle
Johnson, Charles Harmany, . . . New Castle
Kern, Anna L., ... Saegertown
Linn, Beattie Parks, ... Meadville
Liebendorfer, Henry F., . . . North Sewickley
Miller, Edward E., ... Meadville
McClelland, Alvin Oren, ... Thornhill
Nutt, Paul Randolph, . . . Brownsville

Students whose names are followed by (E.) are in the Engineering Department; others are in A. B. Courses.

Odell, Joseph Theodore, ... Meadville
Oswald, Benjamin Franklin, . . Braceville, Ohio
Porter, Jessie, ... Meadville
Peffer, Crawford Alberti, . . . Covode
Phillips, Gamaliel Solomon Wilson, . Townville
Sanderson, Ernest Jay, . . Garrettsville, Ohio
Sisley, Frank Harvey, . . . Meadville
Spencer, John Culbertson, . . . Hayfield
Tallman, Leon . . . . . Corry
Temple, Laura, ... Warsaw
Tate, Zannie P., ... Meadville
Veach, John C., . . . West Middlesex
Warner, Clyde Paul, . . . Townville
Warner, Mary, ... Townville

SECOND PREPARATORY.

Adams, Robert Thompson, . . . Porter
Andrews, Sarah, ... Geneva
Bell, Frances Effie, . . Creedmore, Canada
Bird, George Washington, . . . Freeland
Burgess, Alfred Samuel, . . . Meadville
Chapin, May, ... New Castle
Cogley, William Jerie, . . . Elderton
Cummings, Birdie, ... Geneva
Coley, Mary, ... Cochranton
Deets, John D., ... Oil City
Dunkle, Carrie, ... West Freedom
Eagleson, David Harold, . . . Meadville
Emery, Ella May, ... Millboro
Ewig, Jane McDonald, . . Yohoghany
Fonner, Emma Suella, . . . Espyville
Frisbie, Ida May, ... Meadville
Fox, Robert Franklin, . . . Meadville
Findley, Samuel Reid, ... Hartstown
Fell, Vinnie, ... Meadville
Gelvin, Vernice G., ... Meadville
Gelvin, Leida M., ... Meadville
Gundy, Fred, ... West Middlesex

Hill, Nettie Maud, . . . Tionesta
Higley, Elmer E., . . . Conneautville
Herrington, Alexander A., . . . Geneva
Hotchkiss, Mary Ella, ... Bradford
Hoff, James L., ... Titusville
Kirk, George Ross, . . . Plainfield, Ohio
Lanham, James Eugene, . Cherry Camp, West Virginia
Luce, Charles Henry, . . . Carmichaels
Lockard, Fanny Dana, . . . Franklin
McKinney, Horace, ... Meadville
Maxwell, Thomas J., . . . Beech Tree
McBride, John Lewis, . . . Salem City
McKinney, Thompson Weaver, . . Meadville
Morley, Villie Maria, . . . Enterprise
Porter, Robert C., ... Meadville
Proper, Forest C., ... Tionesta
Russell, Clayton William, . . . Burton, Ohio
Shields, James Kurtz, ... Kent
Snyder, Cyrus Byron, . North Bloomfield, Ohio
Strong, George Walter, . . . Somerville
Shadle, Helen Mina, . . . Kittanning
Stevenson, James William, . . Sandy Valley
Tate, John P., ... Meadville
Watson, Rebecca Belle, . . . New Castle
Whitney, May E., ... Pittsfield
Whitfield, Homer D., ... Pittsburg
Womer, Parley P., ... Reynoldsville
Walker, George E., ... Butler
White, Charles W., ... Frewsburg
Wood, Vernon L., . . . Meadville
York, Lewis Edwin, . . . Randolph, Ohio
Zinck, Charles James Clinton, . . Meadville

FIRST PREPARATORY.

Athen, Henry F., ... Meadville
Bunce, Fred Latimore, . . . Troy Centre
Beardsley, Reid Dewayne, . . . Mill Village
Banks, Chester C., . . Vanderbilt, Michigan

Boydson, James Douley, . . Mount Morris
Blose, Ralph Moore, . . . Brady's Bend
Carr, Lewis A., ... Geneva
Campbell, Samuel R., . . . Meadville
Denny, Fred D., ... Meadville
Gibson, William Martin, ... Bruin
Higgs, Philip Augustus, . . . Meadville
Householder, William Edwards, . . McKeesport
Joslin, Orval H., ... Burton, Ohio
Leffingwell, Wallace Cecil, . . . Kinsman, Ohio
Lowry, William Gaskal, . . . Sharpsville
McWilliams, William Milo, . . . Merwin
Meikrantz, Caroline Catharine, . . Hazleton
Mills, Alonzo J. Grant, ... Elgin
Murphy, Frank Hugh, ... Millerstown
Painter, Orian, . . . Des Moines, Iowa
Phillips, Frank W., . . . Des Moines, Iowa
Reynolds, George A., . . . Meadville
Simpson, Nellie Ridgway, . . . Millerstown
Simpson, Harry Alexander, . . Millerstown
Singley, B. L., ... Freeland
Schwem, Frank Irwin, . . . Luthersbury
Seidel, Charles Hartung, . . . Zelienople
Sullivan, William Cuylar, . . . Allenwood
Taylor, Oliver Kenneth, . . . Brownsville
Van Epps, Ozro Franklin, . . . Bear Lake
Wilkins, Edward, . . Niagara Falls, Canada
Wentworth, Fanny Ayre, . . Buffalo, New York
Whieldon, Albert, ... Grove City

NOT CLASSIFIED.

Cahoon, Flora H., . . Masonville, New York
Foote, Minnie, ... Wattsburg
Hotchkiss, Anna D., ... Bradford
Kemble, Estella, ... Tionesta
Perry, Edith, . . . Kansas City, Missouri
Reynolds, Linnie, ... Reynoldsville
Snowden, Kate, ... Oil City

STUDENTS IN MUSIC.

Adams, Theo.,	Randolph, New York
Adams, Mrs. R. C.,	Meadville
Allen, Louise,	Corry
Andrews, Nellie,	Meadville
Apple, Alice,	Meadville
Apple, Eva,	Meadville
Apple, Jacob G.,	Meadville
Barnes, Arthur.	Pleasantville
Barrett, H. M.,	Titusville
Baughman, Lula,	Meadville
Bennett, Mrs. Ada,	Meadville
Bennett, Libbie,	Meadville
Boynton, Gertrude,	Meadville
Boynton, L. H.,	Meadville
Boynton, Rose,	Meadville
Booth, W. J.,	Meadville
Book, Mrs. J. W.,	Meadville
Bowen, Emma,	Meadville
Blystone, Jennie,	Youngstown, Ohio
Bray, Frank C.,	Warren
Brown, A. M.,	Meadville
Brown, Percy,	Meadville
Brown, Sallie,	Meadville
Bredin, Mal,	Meadville
Bredin, Sarah,	Meadville
Brawley, Dora,	Meadville
Britton, Nellie,	Meadville
Burnett, Adelbert,	Meadville
Burnett, Grace,	Meadville
Burnett, Mrs. L. M.,	Meadville
Campbell, S. A.,	Indiana
Carr, Blanche,	Meadville
Christy, F. S.,	Sewickly
Chick, Lulu,	Meadville
Church, Ethel,	Meadville
Chamberlain, Elosia,	Meadville
Clark, Eva,	Meadville

Cahoon, Flora H., - - - Masonville, New York
Colgrove, James S., - - - - Meadville
Crouch, Elizabeth E., - - - Evansburg
Crum, Carrie, - - - - - Meadville
Culp, B. F., - - - - Meadville
Cullum, Anna, - - - - - Meadville
Cunningham, May, - - - - Meadville
Davis, Anna, - - - - - Meadville
Davenport, Blanche, - - - - Meadville
Dering, Vesta, - - - - - Meadville
Delamater, Susie, - - - - Meadville
Dice, F. M., - - - - Akron, Ohio
Dick, J. H., - - - - - Meadville
Dick, Mrs. John, - - - - Meadville
Diffen, Lola, - - - - Meadville
Dreutlein, Mabel, - - - - Meadville
Dungan, Frankie, - - - - Meadville
Dunn, W. C., - - - - - Meadville
Dunn, Lulu, - - - - - Meadville
Dunn, Lotta, - - - - - Meadville
Dunn, Margaret, - - - - Meadville
Dunbar, Harry, - - - - - Meadville
Edson, Anna, - - - - Meadville
Ellsworth, Estella, - - - - Meadville
Einstein, Reuben, - - - - Meadville
Espy, H. B., - - - - - Erie
Evans, May, - - - - - Meadville
Everts, Mrs. C. W., - - - - Meadville
Farrell, James M., - - - - Elgin
Fell, J. M., - - - - - Meadville
Fetch, W. E., - - - - Jefferson, Ohio
Flanigan, Lizzie, - - - - Meadville
Flood, Rebie, - - - - Meadville
Foote, Minnie R., - - - - Wattsburg
Ford, Guy, - - - - - Meadville
Freeman, C. C., - - - - Espyville
Frisbee, Ida, - - - - Meadville
Gartner, Mamie, - - - - Meadville

Gaston, Sadie, ... Utica
Gibson, Minnie, ... Meadville
Gill, Elizabeth, ... Meadville
Graham, May, ... Meadville
Hall, Florence, ... Meadville
Hall, H. D., ... Meadville
Hall, Mrs. H. D., ... Meadville
Harmon, Mary, ... Corry
Harper, Florence, ... Meadville
Harper, Harry, ... Meadville
Harper, Margaret, ... Meadville
Hayes, W. D., ... Meadville
Haverstock, Alice, ... Meadville
Henderson, Nellie, ... Pittsburg
Hersch, Mary M., ... Meadville
Hersperger, E. A., ... Pittsburg
Higgins, J. Montgomery, . . Geneseo, New York
Hofford, Bessie, ... Meadville
Hotchkiss, Anna D., ... Bradford
Hotchkiss, Mary, ... Bradford
Hubbell, Wesley A., . . . Randolph, New York
Hunsberger, W. H., ... Barkleyville
Hyner, Doane, R., ... Erie
Jones, Anna, ... New Castle
Judd, Clarence, ... Meadville
Kaufman, F. Percy, ... Meadville
Keeler, Anna, ... Bellaire, Ohio
Kepler, Anna, ... Meadville
Kepler, Mattie, ... Meadville
Kepler, Maud, ... Meadville
Klingensmith, Nellie, ... Meadville
Kohler, Otto, ... Meadville
Laffer, P. E., ... Meadville
Lanham, James, ... Meadville
Law, F. A., ... Meadville
Law, Mrs. F. A., ... Meadville
Leberman, Mary, ... Meadville
Leberman, L. A., ... Meadville

Lockard, Fannie D.,	Franklin
Logan, W. A.,	Meadville
Lowman, M. A.,	"
Lowing, Sarah,	Centre Road
Luccock, Henry,	Kimbolton, Ohio
Lyon, Sadie,	Meadville
Mackey, Bertha,	"
Marsteller, Gertrude,	Sheakleyville
Major, Howard,	Spartansburg
McClintock, Angileen,	Meadville
McClintock, A. W.,	"
McCoy, Sadie,	Sheakleyville
McCauley, Vinnie,	Cochranton
McKenna, Tessie,	Meadville
McNamara, Mary,	"
McNair, Wm.,	Oil City
McMullen, M. S.,	Meadville
Meyler, Cora,	"
Mills, A. G.,	"
Morris, Pearl,	"
Montgomery, Mrs. J. H.,	"
Mowbray, Flora,	"
Munsee, Hattie	Gloversville, New York
Nichols, Nellie,	Meadville
Noss, W. T.,	Strasburg, West Virginia
O'Dell, Maud,	Blooming Valley
Parsons, Mrs. J. A.,	Saegertown
Perry, Edith,	Indendence, Missouri
Pettit, Mrs. Ott,	Titusville
Phillips, Adda,	Meadville
Phillips, Gertrude,	"
Pond, R. Ernest,	"
Porter, Finetta,	"
Porter, J. L.,	"
Porter, W. E.,	"
Raymond, Clara,	"
Reno, Susie,	Spartansburg
Reynolds, Linnie C.,	Reynoldsville

Rich, Esther,	Meadville
Richmond, May,	"
Riddle, Saidee,	Bruin
Ridenauer, Barbara,	Meadville
Roddy, Alice,	"
Rose, E. L.,	"
Ross, Phoebe L.,	Sheakleyville
Roudebush, Maud,	Meadville
Russell, F. E.,	West Middlesex
Sackett, Howard,	Mead township
Sanderson, E. J.,	Garrettsville, Ohio
Schank, May,	Meadville
Shadle, Helen,	Kittanning
Shafer, Gertrude,	Meadville
Shaffer, Linda,	"
Shrom, Florence,	Greenvilla
Shryock, Geo.,	Meadville
Silliman, J. W.,	Union City
Simpson, Nellie,	Millerstown
Smith, Clara A.,	Shaw's Landing
Smith, H. Edgar,	Shaw's Landing
Smith, Harper,	Meadville
Smith, Mabel,	Blooming Valley
Smith, S. B.,	Meadville
Smith, W. L.,	Pittsburg
Snowden, Kate M.,	Oil City
Spaulding, Bertha,	Meadville
Staley, Mrs. P. H.,	"
Stitzer, Emma,	Ponce de Leon Springs
Stoneroad, Anna,	Meadville
Streit, Laura,	"
Swarts, Lillian,	"
Sweetman, Idaleen,	"
Tallman, L.,	"
Tate, Zannie,	"
Thomas Mattie,	Cambridgeboro
Thompson, Lizzie,	Meadville
Trace, Myra,	"

Trumper, Frank, ... Meadville
Trumper, F. J., ... "
Trumper, Grace, ... "
Tyler, Mabel, ... "
Vance, Willis R., ... "
Williams, Mrs. W. G., ... "
Winegar, Mrs. D. N., ... "
Winegar, Mrs. G., ... "
Wisman, J. P., ... Ravenna, Ohio
Zinck, C. J., ... Meadville

VIOLIN STUDENTS.

Camp, D. W., ... "
Cutter, E. S., ... "
Daniels, Warren, ... "
Davenport, Frank, ... "
Hossack, Nellie, ... Sheakleyville
Lowing, H. S., ... Centre Road
Porter George, ... Meadville
Sackett, James, ... Saegertown
Senker, Herman, ... Meadville
Wilkins, George, ... "

ART STUDENTS.

Aten, Rebecco, ... Hartstown
Brawley, Belle H., ... Meadville
Cullum, Nellie, ... "
Densmore, Clinton, ... "
Gaston, Emma, ... "
Gaston, Sadie, ... Utica
Hollock, Mrs. J. B., ... Meadville
Hartman, Marion, ... "
Kemble, Estella, ... Tidioute
Kepler, Maria, ... Meadville
Lord, Clara, ... Edinboro
Magaw, Leona, ... Meadville
McFarland, Fanny, ... "
Richmond, Mrs. Margaret, . . . "
Sennett, Georgia E., ... "
Smith, Alice, ... Shaw's Landing

ADD TO POST-GRADUATE.

WILBUR W. THOBURN, A. M., (5) Bloomington, Illinois
WILLIAM H. WAITE, A. M., (5) - Bloomington, Illinois

ADD TO THIRD PREPARATORY.

Trumper, Fred, Jr., - - - - Meadville

Summary of Students.

In College—		
Post-Graduate, - - - -	14	
Seniors, - - - - -	34	
Juniors, - - - - -	35	
Sophomores, - - - -	27	
Freshmen, - - - - -	68	
	—	178
Preparatory School—		
Third Preparatory, - - -	39	
Second Preparatory, - - - -	54	
First Preparatory, - - .	33	
Not Classified, - - - -	7	
	—	133
Students in Music, - - - -		225
		536
Deduct names counted twice, - - -		34
Total, - - - - -		502

Prizes Awarded 1887-8.

PHILO-FRANKLIN SOCIETY.

Polyhymnian Declamation Prize,

AWARDED TO ALTON C. LINDSEY.

Centenary Oration Prize,

AWARDED TO GAYLORD H. PATTERSON.

Kalamathean Essay Prize,

AWARDED TO R. C. CROWTHERS.

The Alumni Essay Prize,

NOT AWARDED.

ALLEGHENY SOCIETY.

Chautauquan Oration Prize,

AWARDED TO J. ROBERT ANDERSON.

Resident Alumni Declamation Prize,

AWARDED TO J. ROBERT ANDERSON.

Alumni Essay Prize,

AWARDED TO E. L. MATTERN.

ATHENIAN SOCIETY.

Fisk Declamation Prize,

AWARDED TO WILLIAM T. NOSS.

Garfield Oration Prize,

NOT AWARDED.

OSSOLI SOCIETY.

Resident Alumnæ Declamation Prize,

NOT AWARDED.

Answers to Questions and Advice.

1. Students wishing to pursue particular studies or special courses will be permitted to enter any classes for which they are fitted.

2. The total necessary expenses of students, exclusive of travel and clothing, are from $55 to $65 each per term, or from $165 to $200 per year. They may spend more, but need not.

3. Young ladies have rooms and board in Hulings Hall. Gentlemen have furnished rooms in town. Gentlemen are admitted to board in the Hulings Hall club, or form clubs of their own. In the clubs food is furnished at cost. The expense for all items of board (including rooms, etc.,) has this year averaged about the same for ladies and gentlemen—about $3.50 per week. In families full board costs $4.00 to $5.00 per week. The President will engage rooms for young men who request it by letter. New students are advised to inform the President of their intention to enter College.

4. The Faculty will assist young men in obtaining furnished rooms. New students who are strangers are advised to consult older students or the Faculty before engaging rooms.

5. Though a student may not be able to see his way through to the end of a course, it is best to begin, go as far as possible, and stop only when it is necessary. Very few of the eight hundred who have graduated at Allegheny College could see at the beginning how they were to support themselves more than one or two terms.

6. Students at this College meet their expenses, wholly or in part, in several ways. Most of our graduates were poor when they began, and were not poorer when they graduated.

7. Obtaining a college education is not an amusement or a pastime; it is a good for which one must pay in some sacrifices; but young men in good health can obtain such an education by paying for it in the necessary time and labor. A resolute and persevering young man can go through College if he wants to do it.

8. A College course gives the best general education. The man or woman who has such a training is better fitted, other things being equal, to take up and prosper in any special study or pursuit. Get a general education first, then choose your special study or pursuit and fit yourself for it. The end in view is best reached by taking the high road.

9. If you have not the aid of a school to prepare you for College, come to Meadville and prepare here. If you are preparing at home ask the advice of your minister or some other person who can assist you in Latin. It is the common rule that students have little or no Latin preparation, and they need this more than any other.

10. Greek is not necessary to graduation to the A. B. degree; but the classical course is the best one for the purpose of general education.

11. Two years' study of German may be combined with the classical course. The principal use of a modern language in our day is gained by the power to *read it.* Ability to read a language gives the key to the knowledge locked up in it.

12. The general rule for the conduct of students in the College is that they are expected and required to behave themselves like ladies and gentlemen. Everything is forbidden which wrongs the feeling or invades the rights of others.

13. Military suits are the least expensive of any that can be purchased. They are navy blue in color, and the first quality of goods. They are easily kept clean, and always look neat. These suits are worn on all occasions, to church or classes, with equal propriety, yet they are only required to be worn during drill or on military occasions. The cost of a suit, complete, is about $20 or $25, according to rank.

14. The time given to drill is taken from the afternoon hours, and thus does not interfere with regular College duties. Six hours in each week are devoted to military drill and instruction.

Calendars for 1888-'9.

ALLEGHENY COLLEGE.

Friday and Saturday, June 15th and 16th—Examinations.

Saturday, 8:00 p. m.—Anniversary of Literary Society in First M. E. Church.

Sunday, 10:45 a. m.—Baccalaureate Sermon of President D. H. Wheeler. 7:45 p. m.—Annual Address before the Y. M. C. A., by Rev. A. B. Leonard, D.D., Missionary Secretary of the M. E. Church.

Monday, 9:00 a. m.—Annual Drill of the Cadet Corps. 3:00 p. m.—Meeting of Board of Control in the First M. E. Church. 7:45 p. m.—Annual Contest of Literary Societies, Academy of Music.

Tuesday, 7:45 p. m.—Class Day Exercises.

Wednesday, 9:30 a. m.—Meeting of Trustees in Bentley Hall. 2:00 to 6:00 p. m.—Athletic Games. 7:45 p. m.—Annual Concert of the Conservatory of Music in the Academy of Music.

Thursday, 9:00 a. m.—Commencement Exercises in the First M. E. Church.

SUMMER VACATION.

September 18th, Tuesday, 9:00 a. m.—Fall Term begins.

December 13th, Thursday—Fall Term ends.

WINTER VACATION.

January 2d, Wednesday—Winter Term begins.

March 28th, Thursday—Winter Term ends.

April 2d, Tuesday—Spring Term begins.

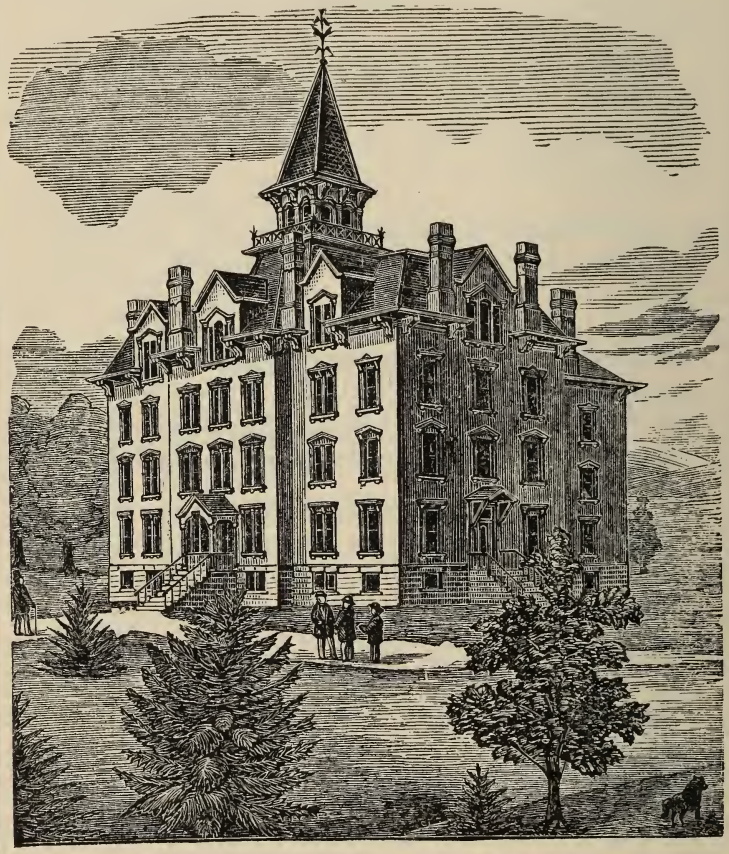
June 27th—Commencement.

CONSERVATORY OF MUSIC.

FALL TERM—Begins September 4th; closes November 10th.
WINTER TERM—Begins November 13th; closes February 2d.
SPRING TERM—Begins February 5th; closes April 13th.
SUMMER TERM—Begins April 16th; closes June 27th.

Vacation from December 15th, 1888, to January 2d, 1889.

The legal holidays of the year observed by the Conservatory.



HULINGS HALL. (See page 9.)

BENTLEY HALL. RUTER HALL.

Meadville Business College.

Students in the Preparatory School may also enter the Meadville Business College and pursue selected studies by paying one-half the fees of the Business College.

The Business College was founded October 13, 1865, and has for the past twenty years been under the sole care and management of Professor A. W. Smith, who has given the institution the benefit of his undivided attention and actual business experience—he having been employed at different times in mercantile, steamboat and banking institutions, as accountant, for many years, in addition to his long experience as a teacher. It is not the intention to disparage any institution, but it is doubtful if any similar institution in the State, or even in the nation, is presided over by an actual accountant of the extensive experience of the principal of this institution.

The number of students enrolled in the different departments since the foundation of the College, is 3,240, and the number of graduates about 480. But the patronage has increased within a few years from an average annual attendance of about 140 to 240, and the number of graduates from 20 to 30.

Contents.

	PAGE.
BOARD OF TRUSTEES,	3
OFFICERS OF THE BOARD,	4
CENTENARY BOARDS,	4
JOINT BOARD OF CONTROL,	5
VISITING COMMITTEES,	5
INSTRUCTION AND GOVERNMENT,	6
OFFICERS OF THE FACULTY,	7
DESCRIPTION OF THE COLLEGE:	
Meadville,	8
History,	8
Grounds and Buildings,	8
Laboratories and Apparatus,	9
The Museum,	10
Library and Reading Room,	11
COURSES OF STUDY,	12
DEPARTMENTS OF INSTRUCTION,	13
ADMISSION AND CLASSIFICATION,	17
PREPARATORY INSTRUCTION,	18
THE WEEKLY HOLIDAY,	19
DEGREES,	20
MILITARY DEPARTMENT:	
Practical Instruction,	21
Uniform and Regulations,	21
Substitutions,	22
GENERAL INFORMATION:	
Religious Culture,	22
Candidates for the Ministry,	22
Expenses of Students,	23
Club Rules,	25
Self Help,	26
Expenses of Ladies,	26
Important Regulations,	27
Special Examinations,	27
Number of Studies,	27
Literary Societies,	28
POST-GRADUATE DEPARTMENT:	
Courses of Study,	28
Admission,	29
Examination,	29
Degrees,	29
Expenses,	29
THE COLLEGE COURSES,	30

COURSES OF STUDY:
Freshman Year, - - - - - - 31
Sophomore Year, - - - - - - 32
Junior Year, - - - - - - - 33
Senior Year, - - - - - - - 34
Preparatory School, - - - - - - 35
CONSERVATORY OF MUSIC:
Board of Trustees, - - - - - - 36
Officers, - - - - - - - 36
Conservatory Faculty, - - - - - 37
General Description, - - - - - - 38
New Classes, - - - - - - - 39
Free Classes, - - - - - - - 39
Lectures, - - - - - - - 39
Recitals, - - - - - - - 39
St. Cecilia Society, - - - - - 40
Philharmonic Society, - - - - - 40
Recitations, - - - - - - 40
Departments of Instruction, - - - - - 40
The Piano Forte, - - - - - 41
Hours of Practice. - - - - - - 41
The Pipe Organ, - - - - - - 41
The Cabinet Organ, - - - - - - 42
Voice Culture, - - - - - - 42
Sight Singing, - - - - - 42
Orchestral Instruments, - - - - - 43
Band Practice, - - - - - - 44
Harmony, Theory and Composition, - - - 44
Lessons, - - - - - - - 44
Four Years Course, - - - - - 44
Payment of Tuition, - - - - - 44
Rates of Tuition, - - - - - - 45
Graduation, - - - - - - 45
Lady Students' Homes, - - - - - 46
Department of Art, - - - - - 46
REGISTER OF STUDENTS:
Post-Graduate, - - - - - 48
Seniors, - - - - - - - 48
Juniors, - - - - - - - 49
Sophomores, - - - - - - 50
Freshmen, - - - - - - - 51
Third Preparatory, - - - - - 53
Second Preparatory, - - - - - - 54
First Preparatory, - - - - - 55
Students not Classified, - - - - - 56
Students in Music, - - - - - 57
Violin Students, - - - - - - 62
Art, - - - - - - - 62
SUMMARY OF STUDENTS, - - - - - - 63
PRIZES AWARDED, 1887-8, - - - - - 64
ANSWERS TO QUESTIONS AND ADVICE, - - - - 65
CALENDAR FOR 1888-9, - - - - - - 67
COLLEGE OF BUSINESS, - - - - - - 70

H
89

Allegheny College,

1888-'89.

SUPPLEMENTARY NOTE.

MEADVILLE, PA., August 1st, 1889.

At the recent annual meeting Dr. W. G. Williams resigned the office of President, and Dr. D. H. Wheeler was appointed to act as President during the current year. The Boards elected Professor Thomas, A.M., to the Chair of Modern Languages, which has been vacant several years, its work having been assigned to other chairs. Miss Grace I. Foster, of Chicago, has been appointed Lady Principal, and will teach in the department of History. In the Military Department, all male students (below Junior rank,) who desire to be excused from serving as cadets, must present written requests signed by parents or guardians. Students who are not minors will be excused upon their own request.

BENTLEY HALL.

ANNUAL

CATALOGUE

OF

ALLEGHENY COLLEGE,

FOR THE

ACADEMIC YEAR, 1888-'89,

AND

TRIENNIAL CATALOGUE.

MEADVILLE, PENNA.

TRIBUNE-REPUBLICAN JOB ROOMS,
1889.

Calendar.

June 20, 21, 22, . . . Annual Examinations

June 23, 10:45 a. m., . . . Baccalaureate Sermon
By President W. G. Williams.

June 23, 7:45 p. m., . Annual Sermon before College Y. M. C. A.
By Rev. S. F. Upham, LL.D.

June 24, 2:00 p. m., . . Field Day of Athletic Association

June 24, 8:00 p. m., . . . Inter-Society Contest

June 25, 8:45 a. m., . . . Annual Drill of Cadet Corps

June 25, 9:30 a. m., . Annual Meeting of Board of Control

June 25, 8:00 p. m., . . Annual Oration before United Societies
By Rev. C. H. Payne, LL.D.

June 26, 9:30 a. m., . Annual Meeting of Board of Trustees

June 26, 10:00 a. m., . . . Senior Class Day

June 26, 2:00 p. m., . . Alumni Reunion and Banquet

June 26, 8:00 p. m., Annual Concert of Conservatory of Music

June 27, 10:00 a. m., . . Commencement Exercises

SUMMER VACATION.

September 17th, Tuesday, 9:00 a. m., . . Fall Term begins

December 12th, Thursday, . . . Fall Term ends

WINTER VACATION.

January 2d, 1890, Thursday, . . Winter Term begins

March 27th, Thursday, . . . Winter Term ends

SPRING VACATION.

April 3d, Thursday, . . . Spring Term begins

June 26th, Thursday, . . . Commencement

ALLEGHENY COLLEGE.

BOARD OF TRUSTEES.

EX-OFFICIO.

HIS EXCELLENCY, JAMES A. BEAVER,
Governor of the Commonwealth.

HON. EDWARD M. PAXSON,
Chief Justice of the Supreme Court.

HON. WM. S. KIRKPATRICK,
Attorney General.

LAY TRUSTEES.

ALEXANDER BRADLEY.
HON. B. R. COWEN.
HON. G. B. DELAMATER.
JAS. E. M'FARLAND.
HON. LEWIS MILLER.
HENRY K. LIST.
GEO. W. HASKINS.
HON. JOHN J. HENDERSON.
WILLIAM FOLTZ.
HON. JOHN F. DRAVO.
HARVEY HENDERSON.
WILLIAM THOMAS.
JAMES P. HASSLER, M.D.
HON. J. D. TAYLOR.
HON. B. F. MARTIN.
GEORGE H. TAYLOR.
JOSEPH WALTON.
HON. S. B. DICK.
HON. JOHN S. M'CALMONT.
HON. J. W. F. WHITE.
JAS. D. GILL.
FRANK P. RAY.
JOSEPH HORNE.
JOHN A. WOOD.
HON. SAMUEL GRIFFITH.
S. P. OFEICER.
W. D. PATTERSON.
A. L. DUNBAR.
GEO. P. HUKILL.
W. S. MORGAN.
RICHARD M. BROWN.
J. G. HOLMES.

HON. J. W. LEE.

CLERICAL TRUSTEES.

Rev. Moses Hill.
Rev. G. W. Clarke.
Rev. Wilbur G. Williams.
Rev. C. A. Holmes.
Rev. Jonathan Hamnett.
Rev. W. A. Davidson.
Rev. David H. Wheeler.
Rev. T. L. Flood.
Rev. Joseph Horner.
Rev. J. R. Mills.
Rev. J. W. Miles.

OFFICERS OF THE BOARD.

Alexander Bradley, - - - - - - President
Wilbur G. Williams, - - - - - - Vice-President
Frank P. Ray, - - - - - - - Secretary
T. L. Flood, - - - - - - - - Treasurer

CENTENARY BOARDS.

PITTSBURG CONFERENCE.

Alexander Bradley, - - - President.
W. Van Kirk, - - Secretary and Treasurer.
R. Parker.
Rev. J. J. McIlyar.
D. H. Froelich.
Rev. J. A. Swaney.
J. P. Shallenbarger.

ERIE CONFERENCE.

J. H. Lenhart,* - - - - - President.
Rev. Charles E. Hall, - - - - Secretary.
Wm. Thomas, - - - - - Treasurer.
Rev. J. H. Herron.
Hon. J. J. Henderson.
A. L. Dunbar.
Rev. J. A. Kummer.
Rev. T. L. Flood.
Ambro Whipple.

*Deceased.

JOINT BOARD OF CONTROL.

Rev. James A. Miller.
Rev. James Mechem.
J. A. Lane.
Joseph L. Cooper.
Rev. L. H. Jordan.
Rev. R. F. Randolph.
Hon. Samuel Woods.
Hon. A. M. Poundstone.
Rev. J. N. Fradenburgh.
Rev. N. H. Holmes.
Gorton B. Chase.
Edward Appleyard.
Rev. W. H. Locke.
Rev. Welty J. Wilson.
Alfred Whittaker.
Hon. John M. Stull.

VISITING COMMITTEES.

Rev. A. C. Johnson.
Rev. J. W. McIntyre.
Rev. T. J. Leak.
Rev. G. T. Reynolds.
Mrs. Rev. C. E. Locke.
Miss Mattie Weaver.
Rev. J. A. Fullerton.
J. C. Bardall.
Rev. C. W. Miner.
Rev. H. C. Westwood.
Rev. R. S. Borland.
M. S. Marquis.
Rev. A. H. Domer.
Rev. E. P. Edmonds.
Rev. J. S. Youmans.
Rev. T. W. Anderson.
Rev. John Williams.
Rev. R. M. Freshwater.

INSTRUCTION AND GOVERNMENT.

REV. WILBUR G. WILLIAMS, D.D.,
PRESIDENT,
Professor of Ethics and Psychology.

REV. JONATHAN HAMNETT, D.D.,
LIBRARIAN,
Emeritus Professor of Philosophy.

DAVID H. WHEELER, LL. D.,
Professor of Greek and English.

JAMES H. MONTGOMERY, A.M., PH.D.
Professor of Natural Sciences.

SAMUEL E. STILWELL, A.M., PH.D.
Professor of Mathematics.

SECOND LT. JACOB F. KREPS, 22d Infantry U. S. Army,
Professor of Military Science and Tactics.

MISS SARAH D. ROUSE,
Lady Principal.

REV. JOHN H. MILLER, A.M.,
Instructor in Hebrew and German.

ALBERT E. COLEGROVE, A.M.,
Instructor in Latin.

WILLIAM S. TWINING, A.B., C.E.,
Instructor in Civil Engineering.

MISS MARY E. BROAS, A.M.,
Instructor in French.

MISS M. BLANCHE BEST,
Expression and Physical Training.

W. A. ELLIOTT, W. L. SILING,
J. S. GIBSON, J. B. RICHEY,

Tutors.

FRANK B. MINER, C. L. WALTON,

Assistants in Laboratory.

OFFICERS OF THE FACULTY.

J. H. MONTGOMERY, . Secretary and Curator of Museums
D. H. WHEELER, . . Dean of Post-Graduate Department
J. H. MILLER, . . Principal of Preparatory Department
J. HAMNETT, ... Librarian

Description of the College.

MEADVILLE.

No city in Western Pennsylvania is more advantageously situated than Meadville. It is on the main line of the N. Y. P. & O. R. R., and has an outlet to the roads of the Pennsylvania Company, and others, by the Meadville & Linesville Railway. By either of these routes Pittsburg may be reached in five hours, Cleveland in three hours, Erie in two hours, Cincinnati in twelve hours, and New York in fifteen hours. This arrangement gives easy and expeditious access to the city from the above and all intermediate points. The population of the town is above 10,000; it is an old and well established city, having cultured society and many educational influences. The city has most of the modern improvements, such as illuminating gas for buildings, electric light on the streets, and natural gas fuel.

HISTORY.

Allegheny College was organized here in 1815 by citizens of the village. In 1817 they obtained for their institution a liberal charter, and in 1820 laid the foundation of Bentley Hall. In 1833, by a contract between the Trustees and the Pittsburg Annual Conference of the Methodist Episcopal Church, the College came under the control and patronage of the Methodists of this central region. By successive divisions of the Pittsburg Conference, the control and patronage are now vested in the Pittsburg, Erie, East Ohio and West Virginia Conferences. The contract between the Conferences and the Trustees guarantees a liberal and unsectarian spirit in the management of the College, and the students always represent several religious denominations.

GROUNDS AND BUILDINGS.

The College Campus embraces thirteen acres on the north side of the town, having an elevation of two hundred feet above the river; it is well shaded with trees, and has a beautiful outlook upon the town and the adjacent hills and valleys. In natural beauty the Campus is very attractive. It is one of the most healthful places in the country. There are three large buildings belonging to and used by the College.

Bentley Hall bears the name of Rev. William Bentley, D.D., of Massachusetts, who gave his valuable library to the College. The cor-

ner stone was laid July 5th, 1820. It combines a central building, which is three stories high above the basement. The basement rooms are used for Laboratories and Shops. The stories above are devoted to Recitation rooms, Society Halls, and the office of the President of the College.

Ruter Hall, named after Rev. Martin Ruter, D.D., the second President of the College, is a substantial brick building, erected chiefly by the citizens of Meadville, in 1855. This building contains the Museums of the College, the Library, and Chapel.

Hulings Hall is a large brick edifice, erected in 1881, by Marcus Hulings, Esq., of Oil City, and the citizens of Meadville. It is used as a home for lady students, and has rooms for eighty persons. It is about one hundred by eighty feet on the ground, and four stories in height, including the mansard roof, and is supplied with gas and water, and heated by steam.

During the year extensive repairs and improvements were made on both buildings and grounds. Several thousand dollars were expended in painting, decorating, constructing walks, etc., giving to the whole an appearance of neatness and order beyond that of many years.

LABORATORIES AND APPARATUS.

Two large rooms, each twenty by forty feet, are fitted up in the basement of Bentley Hall for Chemical Laboratories. They are furnished with water and gas, and are supplied with neat cases and a well selected cabinet of rare specimens.

These Laboratories accommodate forty students, with separate facilities for practical chemical and mineralogical study and analysis, according to the methods of the best scientific schools.

The College possesses extensive cabinets of Mineralogy and Conchology, and complete Chemical and Philosophical apparatus of the most improved forms.

The apparatus comprises many distinct pieces, affording ample means of illustrating every branch of Physics and Chemistry now taught in collegiate institutions. Among the most expensive instruments are the following: A compound Microscope, with accessories, manufactured by Zentmayer, of Philadelphia. A Rumkorff Induction Coil, giving a twelve-inch spark, by E. S. Ritchie & Co., of Boston. A Thilorier's Apparatus, for solidifying carbonic acid. Eighteen instruments to illustrate the laws of undulations. Auzoux's largest Anatomical Models of the

eye, ear, brain and larynx. Apparatus for reproducing Tyndall's experiments of heat. Two Polariscopes, with accessories. A Spectroscope with four prisims. Complete apparatus for projection, including a first-class Educational Lantern, Oxy-Hydrogen Microscope, Duboscq's apparatus for projecting polarized light. Frictional Machine. Holtz Electrical Machine. A Phonograph, etc. The optical instruments, excepting the Compound Microscope, Telescope and Astronomical Transit, were made by M. Duboscq, of Paris.

THE MUSEUM.

The Museum embraces several distinct collections of Minerals, Shells, Fossils, etc.

1. The Prescott Collection, comprising 2,200 specimens of Marine, Terrestrial and fresh water Shells, and about 3,000 specimens of Minerals and Fossils, was collected and mounted by Dr. William Prescott, of Concord, New Hampshire.

2. The Haldeman Collection has 550 excellent and carefully labeled specimens of Minerals, and about 2,000 specimens of Shells, and was purchased by S. S. Haldeman, of Columbia, Pa.

3. The Alger Collection.—This collection, made by the late Francis Alger, of Boston, contains 5,000 specimens of Minerals, remarkable for their beauty and variety. It embraces also a large number of duplicates, and a handsome suit of about 1,500 specimens of Shells.

4. Cabinet of Lithology and Palæontology.—This contains an entire series of the well-known Ward Casts, and a very comprehensive and valuable callection of Fossils and Rocks, to which additions are being made.

5. Smithsonian Collection.—In addition to several valuable collections heretofore received from the Smithsonian Institution, there has been added a suit of over 500 specimens of Land, Marine and Fresh Water shells from Panama, Vancouver's Island and the West Indies, chiefly obtained by the late Prof. C. A. Adams, and authentically labeled by H. Cumming and Dr. P. Carpenter, from the collection of D'Orbigny & Cumming.

Entomological Collection.—The Cabinet of insects embraces 3,000 species, carefully and accurately catalogued and classified. It was arranged by W. O. Currier, of Providence, Rhode Island, and donated by a friend to the College.

NATURAL HISTORY COLLECTION.—In addition to the above named collections there are about 1,000 Zoological Specimens, including Birds, Reptiles, Fish and Marine Animals, which are constantly being increased in number by the exertions of the friends of the department.

These valuable collections greatly increase the scientific advantages of the College, and furnish special incentives to the study of Natural Science.

THE LIBRARY AND READING ROOM.

The College Library contains about 12,500 volumes, many of them rare and valuable works, which are accessible to all students. New energy and life have been infused into the library. Alumni and friends are invited to contribute to its enlargement.

The Library and Reading Room now occupy the whole of the third floor of Ruter Hall. Dr. Hamnett, the Librarian, gives his whole time to the Library, and has added much to its usefulness.

The Reading Room provides for the students periodical literature, American, English, French and German, together with Dictionaries, Encyclopædias, Atlases and other books of reference.

The Courses of Study.

The College has four courses of study, three of which lead to the degree of Bachelor of Arts, and the fourth to the degree of Civil Engineer.

THE CLASSICAL COURSE combines all the excellences of the time-honored classical course. By immemorial use it has proved its eminent value, and is worthy of the confidence and respect which a long venerated observance gives. For a full and harmonious preparation of the varied professions and employments of life, it is unexcelled. The preparation required for entrance upon this course is three years of Latin, two years of Greek, Mathematics through Geometry, Physiology, Physical Geography and Botany, and the usual amount of English and History. The student will see the condition of admission on another page.

THE SCIENTIFIC COURSE requires the same Latin preparation as the Classical, but French will be accepted in place of Greek. In the College years, the German Language takes the place of the Freshman and the Sophomore Greek, and the Sophomore Latin, and is completed in

the Junior year. This course opens up the treasures of Science in the Modern Languages, and by extensive laboratory practice prepares the student for further researches in Science. Young men and women looking toward chairs of Science in schools and colleges will find this course especially adapted to them.

The Course in Latin and Modern Languages requires the same preparation as the Classical, with this exception, that six terms of French are substituted for the six terms of Greek in the second and third Preparatory years. Six terms of German are substituted for six terms of Greek in the Freshman and Sophomore years. This course has been adopted in order to accommodate students who prefer to leave out the Greek entirely, and give more time to the Modern Languages.

These three courses are further enlarged by the addition of elective studies.

The Course in Civil Engineering provides, first, for thorough instruction in Drawing, the want of which has long been felt in the departments of Science; and, second, for the practice in industrial drawing, which students fitting themselves for practical pursuits need and desire. The course in Civil Engineering is parallel to the other courses. The institution has long possessed the principal instruments for practical engineering, and the minor instruments will be procured as fast as they are needed. A practical workshop has been fitted up with steam engine, iron turning screw-cutting lathe, a wood-turning lathe, forge, benches, anvil, a set of iron-working and a set of wood-working tools, together with many other useful instruments with which to train the hands. The department is steadily gaining in patronage and importance.

This course offers distinct advantages to those who have natural fitness for Engineering studies; but it is quite useless for a student to attempt to become a Civil Engineer unless he has mathematical ability. Students in this course will be expected to do a great deal of work outside of the class-room; and young men who are not industrious in their habits will not succed in mastering the course.

Of Mixing Courses.—No student will be permitted to enter upon any other course than the one he is pursuing, without permission from the faculty.

Examinations.—There will be three examinations of classes during the year. The first will be held on the last three days of the fall term; the second on the last three days of the winter term; the third will begin a week previous to commencement.

Departments of Instruction.

PHILOSOPHY AND SOCIAL SCIENCE.—Instruction is given in Mental Philosophy, Logic, History of Philosophy, Constitution of the United States, Social and National Economy, Æsthetics, Moral Philosophy, International Law, Municipal Law and the Science of Language. These subjects of study will be accomplished by lectures, bearing upon certain sections of these branches. The lectures will be familiar, practical talks rather than formal discourses. The aim of the instruction and lectures will be to qualify the students to continue such studies after graduation.

MATHEMATICS AND ASTRONOMY.—To the complete course in pure mathematics is added the application of Geometry and Trigonometry to Surveying and Engineering. Compass, Chains, Transit, Level, and all other necessary implements are furnished and practically used in the field. To these branches are devoted five recitations per week through the Freshman and Sophomore years, and in the Junior year the subject of Astronomy is pursued for two terms. In the Engineering Course much more time will be given to practical Engineering. The telescope (the gift of Hon. G. B. Delamater), is an 8-foot refractor, 7 1-2 inches object glass; in power capable of separating minute double stars; manufactured by A. Clark & Son, Cambridge, Mass. The Transit is a fine instrument from the hands of Stackpole Bros., New York. In addition, the College has two sextants, a Transit with Meridian Finder, a Prismatic Compass, and other instruments essential to the Department of Engineering.

PHYSICS AND CHEMISTRY.—The leading idea in the instruction given in these subjects is to prepare the student for independent research, upon the theory that such method affords the highest mental discipline, and the most satisfactory practical knowledge. Each student, furnished with sufficient material and apparatus to enable him to do so, will pursue his own investigations, under such guidance as will secure precision in method and accuracy in results. Illustrated lectures will frequently be given to make the path clear and the labor interesting and successful.

The College has complete facilities for obtaining a thorough elementary knowledge of these branches. The costly and splendid apparatus, kept up to the times by occasional additions, and the laboratories, abun-

dantly provided with chemical work, make these studies unusually attractive and satisfactory. The course in Chemistry, including Mineralogy, requires three consecutive terms; that of Physics three additional terms; in the scientific course chemistry continues through the Junior year and consists of analysis and assaying, and applications of Physics are studied to the end of the Senior year.

Natural History.—Zoology requires the full time of one study for two terms. The work is conducted by regular recitations of five days in each week. The mode of recitation varies as the subjects presented need illustration or lecture. The use of microscopes is freely offered to all who desire to work with them; and when a naturalist is found the greatest care is given to his training. All opportunities of collections and drill are offered, and every effort is made to develop his taste for Natural History subjects. Botany is studied one term each course, and is taught by class-room drill, drawing and analysis of wild flowers. Each student will be required to prepare, carefully, a herbarium of specimens from the local flora. This gives enough practice to develop any latent natural ability for this study, and lays the foundation for future work in the study of plants.

Latin.—The standard for Freshman admission in Latin is equal to that in the best college, and the College Course is an extended one. It is aimed to do thorough and practical work, giving a good knowledge of Classical Latin, and of early forms and the history and growth of the language. It is remembered throughout the Course that there is no better way to teach language generally, and especially English, than in connection with the study of Latin, and to this much attention is given. There is a course of lectures through the Sophomore year on Latin Literature and allied subjects.

Greek.—The Preparatory Course in Greek extends over six terms, or two full years. The first term and a half are devoted exclusively to learning the declensions and conjugations. The last four terms and a half are spent upon the seven books of Xenophon's Anabasis, or their equivalent. Such a drill is given upon every point of Grammar that this subject is thoroughly mastered before the student enters upon the work of the College Course. Two full years of the Freshman and Sophomore classes are occupied with the study of the classical authors. During the whole course, students are required to translate almost daily from English into Greek. Lectures are delivered before the Freshman and

Sophomore classes on the mythology, manners and customs, literature and art of Greece.

Modern Languages.—It is intended that in the two years' study of French and German required, the student shall read as widely as possible in modern prose, shall study several representative classic works, and shall have a general survey of the whole literature. The ability to read easily a foreign tongue, and to understand it when spoken, are the two points specially sought. Reading at sight and translating by the ear are constantly required, and comparison of etymologies and derivations is expected to free the student from a too close bondage to dictionaries. Abstracts and paraphrases of the work read, and written translations from English, serve as a drill in French and German composition. After two terms the class exercises are conducted largely in the language studied, thus training at once the ear and tongue.

The following represents the work of a year in the Modern Language department:

German—(1) Otis' Grammar. (2) Boisen's Preparatory Prose, 100 pages. (3) Schiller's Tell. (4) Boisen's Prose, finished. (5) Lessing's Minna von Barnhelm. (6) Schiller's Song of the Bell; Hodges' Scientific German (as equivalent), by Civil Engineers; Heyse's Die Einsamen; Goethe's Iphigenie auf Tauris.

The third year work has been somewhat irregular, and is meant in future to be of higher grade. In Modern Prose the class has read: Benedix' Eigensinn and Einer Muss Heirathen, Fouque's Undine; Heyse's Vetter Gabriel; Spielhagen's Vergnuegungs-Commissar; Riehl's Burg Niedeck.

In Classic Works: Goethe's Iphegenie auf Tauris; Lessing's Nathan der Weise. Taylor's studies in German Literature. Written translations from English and brief German essays every three weeks in second and third years.

French—(1) Otto's Grammar. (2) Grammar, Etude progressive de la langue francaise (Stern and Meras). (3) Le Voyage de M. Perrichon; Voltaire's Charles XII. (4) Knapp's French Readings; Buckingham's Philological Grammar. (5) George Sand's La Mare au Diable; A. Daudet's Contes de Lundi; A. De Musset's Il faut qu' une Porte soit ouverte ou fermee. (6) Aubert's Literature Classique (Les Horaces, Esther, Le Cid, Les Femmes Savantes, etc.) Weekly dictations, written translations from English, with French essays and letters, every three weeks, have supplemented this work.

Hebrew and Greek Testament.—Candidates for the Christian Ministry may study Hebrew one year, as an elective in the Sophomore or Junior year. It is believed that the student thus taught in Hebrew, and familiar with the Greek classics of the course, can easily fit himself by private study of the Greek Testament and second year Hebrew, to enter upon the second year in the Theological Seminary. Experience has convinced the Faculty that it is best to divide the gain of one year between the substitutions allowed by the College and the special exertions of the student in private study. The Professors of Greek and Hebrew will render such assistance as may be required by students making such private preparations.

Admission and Classification.

Students entering the Freshman Class will be examined in all Preparatory studies or their equivalents. Candidates for higher standing are examined also in the studies accomplished by the class to which they may desire admission. Certificates of High Schools and Acadamies of good standing, will be accepted in place of examinations in Preparatory studies; but the Faculty reserve the right to require Preparatory work of students who are not able to make satisfactory progress in College classes. High School certificates should be accompanied by a record of the student's standing in the several studies.

Students coming from accredited colleges with honorable dismission, and certificates of scholarship, will present their certificates to the Professors of the several departments. Such examination will be instituted in connection with the certificates as the Professors of the several departments may deem necessary. In all cases students coming from other colleges must present testimonials of good moral character and standing, and a certificate of regular dismission. These should be presented at the time of application. Young men and women are admitted to the Preparatory classes without examination.

Classification.—The classification in the Catalogue is made in May of the last term of the college year, and gives the class rank for the year.

A student having completed the studies of the Preparatory Course, or

their equivalent, and of the Freshman year, less three, can take rank as Freshman. Having completed all the above and the studies of the Sophomore, less two, he can take rank as Sophomore. Having completed all of the above and the studies of the Junior year, less one, he can take rank as a Junior.

Studies pursued in higher classes are offset against studies not pursued in the lower. If, for example, a student has pursued two Sophomore studies, they will be equivalent to any two studies not pursued in Freshman class. A study means, for purposes of classification, a term's work in any subject. There are three terms of Physics, and each term is a study for the purpose of classification, etc. When a student is dismissed at his own request, he will receive a certificate covering his work in this College.

Preparatory Instruction.

To supply the demand for a systematic and thorough course of study adapted to the preparation of pupils for entrance to College, without loss of time, there is in connection with the institution a Preparatory Department. The course requires three years' work, and will compare favorably with any similar school east or west. This Department is under the direct superintendence of the President and Faculty of the College. It is believed that no better advantages for a thorough and direct preparation for College can be obtained anywhere than are offered here.

Students who are nearly ready to enter College, prepared in some studies and behind in others, will usually gain time by availing themselves of the privilege of pursuing some studies in the Preparatory Department and others in the College. A whole year is often saved in this way.

All students entering the Preparatory Department should bring letters from pastors or parents, and certificates from their teachers concerning proficiency and standing, and present the same to the President. Parents and guardians are furnished with monthly statements of the conduct and class standing of students in this Department.

The Preparatory Instruction includes those electives which are accepted for entrance to the Freshman class, except that music is not taught by the College.

The Weekly Holiday.

The sessions of the College are held on Tuesdays, Wednesdays, Thursdays, Fridays and Saturdays, leaving Monday instead of Saturday for rest. This plan has been in use for the past three years, and is greatly preferred by teachers and students. It is adapted to the wants of students in towns adjacent to Meadville—within forty or fifty miles—who desire to spend Sunday at home. The railroads furnish mileage tickets at reduced rates, and the clubs make a deduction for absence from the boarding tables. The cost of spending Sunday at home is in this way made small. This plan is commended to the attention of parents who may be so situated as to be able to avail themselves of its obvious advantages.

Degrees.

The degree of Bachelor of Arts is conferred upon those who complete, in a satisfactory manner, either of the three courses, Classical, Scientific, Latin and Modern Languages.

The degree of Civil Engineer is conferred upon those who complete the Engineering course.

The degree of Master of Arts may be conferred in course on every Bachelor of Arts of three years' standing, who has been engaged since his graduation in some literary occupation, and has sustained a good moral character. Applications should be made to the President as early as the first day of June, accompanied by the usual fee of five dollars.

The Master's degree may also be conferred, *pro merito*, one year after graduation upon any Bachelor of Arts who completes the studies of the first year of any of the port-graduate courses and complies with the conditions prescribed in the post-graduate circular.

The degree of Doctor of Philosophy is conferred upon graduates of colleges who pass satisfactory examinations in the studies prescribed for this degree.

Military Department.

For the purpose of Tactical Instruction, male students are organized into a battalion of four companies, designated "A," "B," "C," and "D" Companies, Allegheny College Corps of Cadets.

The staff consists of—one First Lieutenant and Adjutant, one First Lieutenant and Quartermaster, one Sergeant-Major, one Quartermaster-Sergeant, two Principal Musicians. The drum corps will consist of eight drummers.

Each Company is composed of one-fourth of the total number of Cadets belonging to the battalion, excepting the staff, and having for company officers, non-commissioned officers and musicians, each—one Captain, one First Lieutenant, one Second Lieutenant, one First Sergeant, two Sergeants, four Corporals, two Musicians (drummers). These officers are appointed by the Faculty of the College.

Practical Instruction.—The practical instruction in this Department consists of drills of three hours in each week. The Cadets are exercised and instructed during the year in the Infantry Tactics of the U. S. Army, comprising the School of the Soldier, with bayonet exercise and target practice; the School of the Company, comprising Company movements, in double and single rank formation, and instructions in skirmishing; the School for the Battalion; and in all ceremonies, forms of parade, and reviews and honors to be paid by troops. Instruction in Artillery is given in the School of the Soldier Dismounted, Manual of Piece, Mechanical Manœuvers, and the School of the Battery Dismounted. Breech-loading rifles and accoutrements, and six-pounder brass guns, with all the necessary ammunition, are supplied by the Ordnance Department, U. S. Army. Fresh ammunition is supplied as fast as that on hand is expended in practice. Instruction is given in fencing and target practice.

Uniform and Regulations.—The uniform is required to be worn on all drills, parades, and other military duties. The cost of the whole suit is between twenty and twenty-five dollars. The uniform of the Corps of Cadets will be as follows: Forage Cap, chasseur pattern, of dark blue cloth, with ornaments, consisting of gold embroidered wreath, on a dark blue ground, encircling the letters A C. in silver, old English characters. A Sack Coat of dark blue cloth, falling collar, buttoning close in

the throat, single-breasted, with five cadet gilt buttons in front, three small buttons on sleeve; the skirt to extend from 1-4 to 1-3 the distance from the hip joint to the bend of the knee. The coat is to be the same pattern as that worn by United States Army officers. Trowsers of the same material as the coat, with gold cord down the outer seam. Gloves, white Berlin or lisle thread. The insignia of rank for officers the same as for Infantry officers in the United States Army, except that shoulder strap has blue instead of white field. Chevrons for non-commissioned officers to be one-quarter inch gold lace, on ground of sky-blue facing cloth, West Point pattern. Gold stars for color-guard, of the pattern in the College. All cadets who have served one year in the corps are permitted to wear upon the sleeves, below the elbow, a diagonal half chevron of gold lace, one-quarter inch wide, and an additional half chevron above and parallel to the first, for each subsequent year of service.

Substitutions.—Cadets taking military instructions are permitted to substitute such instruction for one study in each of two years. After two years no substitutions will be allowed. The substitute studies are: General History, Ancient History, History of Philosophy, Mathematical Astronomy, and Advanced Rhetoric. If a cadet has pursued all of these studies and desires to make a choice of other studies, he will make written application to the Faculty. In every case the military instruction must be certified by the professor in charge of the Department before the substitutions are confirmed by the Faculty.

The attention of parents and guardians is called to the importance and value of this Department. While its first object is to instruct the student in the fundamental principles of Military art, it also gives a mental and physical training, which should strongly recommend its advantages to those responsible for the education of young men. The Department is conducted on the "honor" basis, a student's word being held sufficient in all cases where he has not shown himself unworthy of trust.

The time required for military exercises is short, interfering in no way with the students' other work. Drill hours are in the afternoon when recitations are over.

General Information.

Religious Culture.—The College was founded by Christian men for the promotion of Christian culture. It believes that education should always include, as its highest aim, the development of Christian character. It seeks to surround the student with such influences and helps as foster the religious life. Chapel services are held mornings in Ruter Hall, and all students are required to be present. Regular attendance at some church (selected by the student or his parents) is also required. A general prayer meeting is held Wednesday evening of each week, lasting one hour, from 7 to 8 o'clock. This meeting is attended by a very large number of the students, and by the members of the Faculty. Its results are manifest in the quickening and strengthening of many in the religious life. Class prayer meetings, under the care of the Y. M. C. A. of the College, are held by the several class organizations on Saturday morning of each week, in the rooms of Bentley Hall. In this way the members of each class are brought together in religious association, and become interested in one another's religious welfare.

The Students' Y. M. C. A. also holds a meeting in the college every Sunday, from 6 to 7 o'clock p. m., and besides, they conduct religious services weekly, in the County Jail, and in several places in the city and surrounding region. There is also among the young ladies at Hulings Hall a Young Women's Christian Association, whose work is attended with excellent results.

Candidates for the Ministry.—The college has educated a large number of ministers, and more than fifty candidates for the ministry are now in its classes. Arrangements are made to give such students as much of a special education as is consistent with the obtaining of a general education. After a solid foundation of disciplinary study has been laid, special study can be made useful; without the foundation the house will be built in vain. Some of the candidates for the ministry are employed in the pulpits of the adjacent country, and are supported by the churches in whole, or part, while pursuing their studies. To a limited extent, the president is able to make loans without interest to promising candidates for the ministry. Loans have been made this way to about twenty-five students during the present year. It is believed that

a mature young man can safely and prudently contract a small debt to complete his education. But it is of the first importance that the candidates for the Christian ministry receiving such loans should regard them as debts of honor and conscience. The College does not desire, by means of such loans, to impair the financial integrity of Christian ministers. On the other hand, a candidate for the ministry need have no hesitation about doing business on a business footing with the loan fund societies. In no case, however, will more than one-half of a young minister's annual expense be loaned to him. The candidates for the ministry are organized into a society, which holds regular meetings for the study of homiletics and related subjects. At these meetings lectures are delivered by the members of the Faculty and other ministers. During the past year the society has held meetings semi-monthly at the residence of President Williams. The subjects discussed have been of a practical and spiritual character, and with a view to inspire the members and help them in the direction of their contemplated calling.

Expenses of Students.—The only charge upon students which the college makes (except for room rent in Hulings Hall) is a term fee of $10 a term. The College does not board students. It supplies the facilities for the Hulings Hall Club, and it rents the rooms of that hall to ladies on terms which are stated on a subsequent page. The Faculty render all possible aid to students in securing comfortable homes. New students are advised to consult the President before engaging rooms.

Students must furnish the President with the Treasurer's receipt, and register their names at the President's office. They will then be given a written permission to enter classes. No student will be received in classes without the President's permission, and this permission will not be granted until the term fee has been paid.

A fee of $5.00 is paid by every person receiving a degree from the College.

One of the curiosities of the correspondence of a college is that its intending patrons almost invariably ask to be informed about the rates for tuition, but very seldom ask the cost of living. The tuition is never more than one-third of the necessary expenses of a student, and the cost of living is the large and important item. Not satisfied with reducing the College charges to less than one-third of the usual rates in colleges of the first rank, the authorities of Allegheny College have endeavored to effect a large reduction in the cost of living. At one

time—in the days of the "oil speculation"—this reduction had to be secured by providing a large dormitory building. When East Hall burned down in 1883, the speculative era had passed, and it was found that there was plenty of room for young men, at moderate cost, in private families where they may have the influences of a home-life. Good furnished rooms cost each occupant about fifty cents a week, and these rooms are taken care of by the owners and not by the students. On these terms the city has room for at at least five hundred students. It could not be possible for the College to do better than this for its students; and experience proves that herding young men in barracks is not the best way to secure their moral culture.

The young men of the College may board in clubs or in private families; the latter costing about one-third more than the former. A club is simply an arrangement to divide the cost of table board among the boarders. It is a boarding house conducted on the co operative principle. Provisions are bought at a discount, and expense is saved by increasing the number of boarders. The club is managed by a commissary, who receives and pays the money, makes all purchases and employs the help. For this service he receives a small weekly payment from each member of the club. The commissary is always a student, and several students work their way through college as commissaries. The cost of good table board is in this way reduced to an average of $2.25 per week. It might be considerably less if students did not insist upon having good board. In fact, small clubs have reduced the weekly cost to $1.25 per week, and members of such clubs have not lost standing among their fellows, or in their classes. There has also been, recently, an increase of self-boarding; and those who live in this way report that the cost is about $1.25 per week. The estimate for the necessary expenses of a student of either sex is based upon good club board, and is as follows for a term of twelve weeks :

Term Fee,	$10.00
Room Rent,	6.00
Fuel and Lights,	4.00
Personal Washing,	3.00
Table Board,	26.00
Books,	4.00
Total,	$53.00

To this must be added a small annual expense in the literary society to which the student belongs. Fifty-five dollars per term is believed to be sufficient to cover the necessary expenses. The unnecessary expenses for sweetmeats, oyster suppers, concerts, etc., may be indefinitely greater. But an economical student can live on $55 a term, and suffer no social disparagement. The only caste in the College is based on good conduct and good work. The cost of books varies in different terms; but the average cost per year will not exceed $12.

Club Rules.—The club commissaries of the College have agreed upon the following rules:

1. Every member of the club must deposit $10 when he enters the club, and at the opening of every term.

2. Each member must also pay at the end of the first and second months of each term the full amount of his share of the expenses for each month.

3. The deposit of $10 will be applied as far as may be needed to the expenses of the third month of the term.

These regulations are necessary to enable the commissaries to buy advantageously for cash, and to relieve all members of all risks from bad debts. There are no profits; therefore there can be no losses. A student dismissed from one club for slackness in meeting his obligations will not be admitted to any other. The club system is worth at least forty dollars a year to each student. It is therefore the interest of all to support the system by prompt payment.

Self Help.—Young men help themselves in several ways. About twenty of the present students are paying their expenses in whole or in part. There are ten or twelve employed in light work connected with College or the boarding clubs. Others are serving churches in the neighborhood of Meadville. It is the policy of the College to help students to help themselves, and at the same time to keep the expenses as low as is consistent with comfort and health. As a rule, a student should have at least $100 in hand, or in prospect, when he enters; if he has pluck, health and studious habits, he will usually be able to go through College.

Expenses of Ladies.—The expenses of ladies are about the same as those of gentlemen. They pay in Hulings Hall for furnished rooms, heat and light, about the same rate as gentlemen pay in private houses. Each should bring with her the following articles: Sheets, pillow cases

and bed-covering; towels, napkins, knife, fork and spoon. The rooms are furnished with beds, mattresses, pillows, chairs and tables.

The Hall is in charge of a lady principal, under the direction of the Faculty. The building will be kept in good condition, and all required additions made to the furniture and carpets.

Since the recent improvements it is believed the sanitary condition of the building is perfect.

The young ladies pay room rent directly to the Treasurer of the College at the beginning of each term, at the following rates:—In the main corridors: If two occupy a room, each will pay $8 a term in front rooms, and $7 in rear rooms of the first and second floors; if one has a room exclusively she will pay double rent. In the rear corridors: Two in a room, each will pay $5 a term; if one has a room exclusively, she will pay $8 a term. On the third floor each student will pay one dollar less than on lower floors.

The average cost of table board, heat and light during the present year, has been about $3.30 per week. Gentlemen are admitted to the Hulings Hall tables. They have a separate entrance and waiting-room, and as boarders the ladies and gentlemen meet only in the dining-room. The other regulations for the visits of gentlemen at the Hall are simply those of respectable families. There are proper hours for calling and visiting in the parlors of the hall; and in respect to all social matters, the Lady Principal will carry out the instructions of the parents of the young ladies. Not the smallest trouble has ever arisen in the College out of the association of the two sexes. Probably no institution in the country has been so perfectly free from any approach to scandal; yet our young ladies are allowed the freedom which they would have at home. Whatever would be unladylike is forbidden; whatever prudent and affectionate parents permit is allowed. Ladies not living at home must live in Hulings Hall except when granted special permission by the Faculty to board elsewhere. The College will not, however, assume any responsibility for ladies not placed under its care in Hulings Hall.

Important Regulations.—The President does not excuse any student from any duties in classes. Those who wish to leave town must obtain the permission of the President. They must also obtain the assent of the instructors of their several classes. When special requests are made to the President they are understood to be made to the

Faculty; and the proper form of such requests is a written application for the desired excuse or favor, and this written request should set forth plainly the reasons for it.

Special Examinations.—Students desiring special examinations are required to make application for the same at least one month before such desired examination, and no student will be allowed more than three special examinations in one year.

Number of Studies.—Every student must have not less than three studies. No student can take more than four studies without the special permission of the faculty upon written request. This request will generally be refused ; very few students are able to pursue more than four studies at one time. The effort to study five or six impairs scholarship in all. It is better not to graduate than to do so on the cramming system.

Literary Societies.—There are four literary Societies : The Allegheny, Philo-Franklin, Ossoli (the ladies' society), and the Athenian. The Societies have their respective halls and libraries. The libraries contain about 3,000 volumes. The societies hold public literary exercises and prize contests in the Chapel. These societies render the College efficient service in the literary and forensic training of students, and the society friendships are invaluable to their members. The regular meetings are held on Friday evenings.

Post-Graduate Department.

The College inaugurated the department of Post-Graduate study, after almost seventy years of history, during which it had graduated nearly eight hundred students. The work was undertaken, primarily, in response to numerous requests made by the alumni to Alma Mater for further counsel and guidance in their study. The same demand is made by the spirit of the times, which not only expects the colleges to prescribe higher standards of under-graduate work, but also to widen the sphere of their influence in behalf of liberal culture. This expectation is realized when graduates of the colleges are stimulated to pursue courses of study of a higher range than the College-Curriculum and other than those purely professional. This College presents its plan of

Post-Graduate study, in the hope that to its own alumni, and to those of other colleges, it may prove the needed stimulus and opportunity. A special circular containing the Post-Graduate courses, with general and special information of the Department, will be mailed on application to the Dean or the President.

The College Courses.

ADMISSION.—Candidates for admission to the Freshman Class are required to pass a satisfactory examination in the following subjects:

LATIN.	Latin Grammar, including Prosody—Allen & Greenough. Latin Prose Composition. Cæsar—Four Books. Sallust—Cantilinarian War, or Allen's Latin Selections. Cicero—Eight Orations. Virgil—Six Books of Æneid.
GREEK.	Greek Grammar—Goodwin's preferred. Xenophon—Anabasis, seven books complete and Jones' Prose Composition, complete. *or*
FRENCH.	Two years for the Latin and Modern Language Course. For the Scientific Course two years of French will be accepted in place of Greek.
MATHEMATICS.	Arithmetic—Goff. Algebra—Peck. Geometry—Davies' Legendre.
HISTORY.	History—United States History, General History.
ENGLISH.	English Grammar. English Literature. Rhetoric. Civil Government.
SCIENCE.	Physiology—Cutter. Physical Geography—Maury. Natural Philosophy—Gage.

Students who are deficient in some studies and feel that they are able to make them up, may be classed as Freshmen, conditionally.

Three terms Drawing will be accepted in the place of certain studies marked elective in the second preparatory year.

The following subjects are required for admission to the Freshman class of the Engineering Course: Two years of Latin or French, Arithmetic, Algebra, Geometry (plane and solid), Physiology, Physical Geography, Natural Philosophy, English Grammar, United States History and Descriptive Geography.

COURSES OF STUDY--Freshman Year.

NOTE.—Studies not marked elective are required; but a sufficient number must be elected to make twenty exercises a week throughout the Freshman and Sophomore years. The Arabic numerals denote the number of recitations a week.

	CLASSICAL	SCIENTIFIC.	LATIN AND MODERN LANGUAGES.	CIVIL ENGINEERING.
FIRST TERM.	Livy---Book XXI. 5 Homer's Iliad. 5 Solid and Spherical Geometey reviewed. Original Propositions in Geom. } 5 Application of Algebra to Geom. Geometric Conic Sections. Zoology I. 5	Livy---Book XXI. 5 German I. 5 Solid and Spherical Geometry reviewed. Original Propositions in Geom. } 5 Application of Algebra to Geom. Geometric Conic Sections. Zoology I. 5	Livy---Book XXI. 5 German I. 5 Solid and Spherical Geometry reviewed. Original Propositions in Geom. } 5 Application of Algebra to Geom. Geometric Conic Sections. Zoology I. 5	Drawing---Free Hand. 5 German I. 5 Solid and Spherical Geometry reviewed. Original Propositions in Geom. } 5 Application of Algebra to Geom. Geometric Conic Sections. Zoology I. 5
SECOND TERM.	Horace---Odes and Satires. 5 Homer's Iliad and Thucydides. 5 Logarithms --- Plane, Analytical and Spherical Trigonometry. 5 Zoology II. 5	Horace---Odes and Satires. 5 German II. 5 Logarithms --- Plane, Analytical and Spherical Trigonometry. 5 Zoology II. 5	Horace---Odes and Satires. 5 German II. 5 Logarithms --- Plane, Analytical and Spherical Trigonometry. 5 Zoology II. 5	Geometrical Drawing. 5 German II. 5 Logarithms---Plane, Analytical and Spherical Trigonometry. 5 Zoology II. 5
THIRD TERM.	Horace---Ars Poetica and Epistles. 5 Thucydides. 5 Mensuration, Surveying. Navigation. 5 Botany. 5	Horace---Ars Poetica and Epistles. 5 German III. 5 Mensuration, Surveying, Navigation. 5 Botany. 5	Horace---Ars Poetica and Epistles. 5 German III. 5 Mensuration, Surveying, Navigation. 5 Botany. 5	Descriptive Geometry. 5 German III. 5 Mensuration, Surveying, Navigation. 5 Botany. 5

COURSES OF STUDY--Junior Year.

Eighteen Exercises a Week Required

	CLASSICAL.	SCIENTIFIC.	LATIN AND MODERN LANGUAGES.	CIVIL ENGINEERING.
FIRST TERM.	Physics. 5 Advanced Rhetoric. 5 ELECTIVES. Descriptive Astronomy. 5 Civil Liberty. 3 German IV. 5	Physics. 5 Chemistry---Quan. and Qual. 3 Descriptive Astronomy. 5 ELECTIVES. Advanced Rhetoric. 5 German VII. 5 Civil Liberty. 3	Physics. 5 Advanced Rhetoric. 5 ELECTIVES. Descriptive Astronomy. 5 Civil Liberty. 3 German VII. 5	Physics. 5 Practical Surveying. 5 Drawing---Shades, Shadows and Perspective. 5 Chemistry---Quan. and Qual. 3
SECOND TERM.	Physics. 5 Evidences of Christianity. 5 ELECTIVES. Modern History. 3 German V. 5 English Philology. 3	Physics. Chemistry---Quan. and Qual. 3 Evidences of Christianity. 5 ELECTIVES. German VIII. 5 Modern History. 5	Physics. 5 Evidences of Chriatianity. 5 ELECTIVES. German VIII. 5 Modern History. 5 English Philology. 3	Physics. 5 Civil Engineering. 5 Topographical Drawing. 5 Chemistry---Qual. and Quan. 3
THIRD TERM.	Physics. 5 History of Civilization. 3 ELECTIVES. Mathematical Astronomy. 3 Modern History. 3 Shakespeare. 2 German VI. 5 Constitution United States. 2	Physics. 5 Mathematical Astronomy. 3 Chemistry---Assaying. 3 ELECTIVES. German IX. 5 History of Civilization. 3 Modern History. 3 Shakespeare. 2 Constitution United States. 2	Physics. 5 History of Civilization. 3 ELECTIVES. German IX. 5 Mathematical Astronomy. 3 Modern History. 3 Shakespeare. 2 Constitution United States. 2	Physics. 5 Railroad Engineering. 5 Topographical Drawing. 5 Chemistry---Assaying. 3

COURSES OF STUDY--Sophomore Year.

	CLASSICAL.	SCIENTIFIC.	LATIN AND MODERN LANGUAGES.	CIVIL ENGINEERING
FIRST TERM.	Chemistry. 5 ELECTIVES Tacitus---Germania and Agricola. 5 Analytical Geometry. 5 Plato---Apology. 5 German I. 5 Hebrew I. 5	Chemistry. 5 German IV. 5 Analytical Geometry. 5 Botany. 5	Chemistry. 5 Tacitus --- Germania and Agricola. 5 German IV. 5 Analytical Geometry. 5	Descriptive Geometry and Projections. 5 Analytical Geometry. 5 Chemistry. 5 German IV. 5
SECOND TERM.	Chemistry and Mineralogy. 5 ELECTIVES. Quintilian. 5 Analytical Geometry (completed) and Differential Calculus. 5 Sophocles and Euripides. 5 German II. 5 Hebrew II. 5	Chemistry and Mineralogy. 5 German V. 5 Analytical Geometry and Differential Calculus. 5 Biology. 5	Chemistry and Mineralogy. 5 Tacitus---Histories. 5 German V. 5 Analytical Geometry and Differential Calculus. 5	Machine Drawing. 5 Analytical Geometry and Differential Calculus. 5 Chemistry and Mineralogy. 5 German V. 5
THIRD TERM.	Chemistry and Mineralogy. 5 ELECTIVES. Juvenal. 5 Integral Calculus. 5 Demosthenes. 5 Hebrew III. 5 German III. 5	Chemistry and Mineralogy. 5 German VI. 5 Integral Calculus. 5 Microscopy. 5	Chemistry and Mineralogy. 5 Juvenal. 5 German VI. 5 Integral Calculus. 5	Machine Drawing. 5 Integral Calculus. 5 Chemistry and Mineralogy. 5 German VI. 5

COURSES OF STUDY--Senior Year.

All studies are required.

	CLASSICAL.	SCIENTIFIC.	LATIN AND MODERN LANGUAGES.	CIVIL ENGINEERING.
FIRST TERM.	Metaphysics and History of Philosophy. 5 Bible Study. 3. Logic. 5. English Literature. 3	Metaphysics and History of Philosophy. 5 Advanced Physics. 3 Logic. 5 English Literature. 3	Metaphysics and History of Philosophy. 5 Bible Study. 3 Logic. 5 English Literature. 3	Bridges and Roofs. 5 Advanced Physics. 3 Descriptive Astronomy. 5 Logic. 5
SECOND TERM.	Geology. 5 Political Economy. 3 Metaphysics and History of Philosophy. 5 English Literature. 3	Geology. 5 Political Economy. 3 Metaphysics and History of Philosophy. 5 Advanced Physics. 3	Geology. 5 Political Economy. 3 Metaphysics and History of Philosophy. 5 English Literature. 3	Geology. 5 Advanced Physics. 3 Analytical Mechanics. 5 Bridges and Roofs. 3
THIRD TERM.	Geology. 3 Moral Philosophy. 5 International and Municipal Law. 3 Political Economy. 3 Theism, or Science of Language. 2	Geology. 3 Moral Philosophy. 5 International and Municipal Law. 3 Political Economy. 3 Advanced Physics. 3	Geology. 3 Moral Philosophy. 5 International and Municipal Law. 3 Political Economy. 3 Theism, or Science of Language. 2	Geology. 3 Advanced Physics. 3 Mathematical Astronomy. 3 Architecture. 5 Strength and Resistance of Material. 2

PREPARATORY SCHOOL.—Courses of Study.

NOTE.—Studies not marked elective are required; but a sufficient number must be elected to make twenty exercises per week. Classical students will elect Greek. Only students of the Latin and Modern Language Course will elect Music. No Music will be credited without a certificate from the Director of the Conservatory stating that the necessary amount of work has been completed. Six English Essays will be required each year.

	FIRST YEAR.	SECOND YEAR.	THIRD YEAR.
FIRST TERM.	Latin Grammar and Lessons. 5 English Grammar. 5 Complete Arithmetic. 5 United States History. 3	Cæsar and Latin Composition. 5 Algebra I. 5 ELECTIVES. Greek Grammar and Lessons. 5 French I. 5 ~~Elementary Rhetoric.~~ ~~Drawing. 5~~ ~~Music. 5~~	Cicero and Latin Composition. 5 Advanced Algebra and Elementary Determinants. 5. ELECTIVES. Anabasis and Greek Composition. 5 French IV. 5 ~~Physical Geography.~~ 5 ~~Elocution. 1~~ ~~Music.~~
SECOND TERM.	Latin Grammar and Lessons. 5 English Grammar and Composition. 5 Complete Arithmetic. 5 United States History. 3	Sallust and Latin Composition. 5 Algebra II. 5 ELECTIVES. Greek Grammar and Lessons. 5 French II. 5 Physiology. 5 Drawing. 5 Music.	Virgil and Mythology. 5 Plane Geometry. 5 ELECTIVES. Anabasis—four books complete, and Greek Composition. 5 French V. 5 English Literature. 4 Elocution. 1 Music.
THIRD TERM.	Cæsar and Latin Composition. 5 Civil Government. 5 Complete Arithmetic. 5 General History. 5	Cicero and Latin Composition. 5 Algebra III. 5 ELECTIVES. Anabasis and Greek Composition. 5 French III. 5 Natural Philosophy. 5 Drawing. 5 Music.	Virgil and Mythology. 5 Solid and Spherical Geometry. 5 ELECTIVES. Herodotus or Lucian. 5 French. 5 English Literature. 4 Elocution. 7 Music.

MEADVILLE

CONSERVATORY OF MUSIC.

FACULTY.

REV. WILBUR G. WILLIAMS, D.D.,

PRESIDENT.

MRS. JUVIA C. HULL,

DIRECTOR.

MRS. JUVIA C. HULL,

Voice Culture, Oratorio, Concert Singing.

GEORGE W. DIXSON,

Organ, Piano, Sight Singing.

MRS. GEORGE W. DIXSON.

Piano Forte

F. B. NICHOLS,

Violin and all Stringed Orchestral Instruments.

F. P. BOYNTON,

Cornet and all Brass Instruments.

MRS. J. W. STURDEVANT,

Drawing and Painting.

General Description.

At the annual meeting, June 23d, 1886, the Trustees of Allegheny College authorized the affiliation of the Meadville Conservatory of Music with the College. Each of the institutions remains under its own management, having separate charters and boards of trustees, but students in each may avail themselves of the advantages of the other.

Students in the Preparatory School may also study music in the Conservatory. In the preparation for the Latin and Modern Language Course, students may elect two years of Music as a substitute for Historical and other required studies.

Broad Culture Afforded.—The Meadville Conservatory of Music was established for the purpose of affording superior advantages for the study of Music in all its higher branches. It is a universally conceded fact that the intelligent, careful study of Music tends to give a refinement to the general manners, and to elevate the artistic taste to the greatest degree. The courses of study pursued are similar to those of the successful schools of Music in Europe and America, and are calculated to make cultured, thoroughly competent and skillful musicians of the graduates of this school; also to give them a system of school for their use when they in turn wish to become professional teachers. Lectures on music and musicians, and on the works of the masters, are free to the students of the Conservatory.

Parents and others bearing the expense of educating children, even if done without thought of their ever being obliged to use the education as a means of gaining a livelihood, demand that the most thorough systems and careful teaching shall be given in return for their money. This is proper, and the best of teachers can be obtained for lessons at a nominal sum, comparatively, in a large Conservatory, whose prices for private instructions would be beyond the reach of the masses.

Philharmonic Society.—All vocal pupils are organized into a singing society, under the supervision of the Director of Music, for the study and the public rendering of oratorios, grand choruses, selections from operas, masses, etc., assisted by eminent solo talent in all branches, thereby affording excellent opportunities to pupils for hearing and learning properly the celebrated and difficult works of all schools of Music.

DEPARTMENTS OF INSTRUCTION.

A school for the Piano.

A school for the Organ.

A school for Singing, Formation and Cultivation of the Voice, Concert Singing, etc.

A school for the Violin, Orchestra, Quartet and Ensemble playing.

A school for all Orchestral and Band instruments, and the Art of Conducting.

A school for Harmony, Composition, Theory and Orchestration.

A school for Church Music, Oratorio and Chorus Practice.

A school for training Music Teachers for Public Schools, Conventions, etc.

A school of Art.

The detailed outline of the courses of the several schools of Music can be had on application to the Director for the Conservatory Catalogue.

LESSONS.—Pupils receive two lessons in each branch of music per week in the regular graduating courses. The Conservatory term consists of ten weeks (twenty lessons.) No deduction for lessons missed.

Pupils may enter the Conservatory at any time, but if possible, it is always better to commence with the new term.

FOUR YEARS' COURSE.—The course comprises four years' work, and is divided into six grades of three divisions, namely: Preparatory, Intermediate and Advanced (each division containing two grades.)

RATES OF TUITION.

For private lessons per term of ten weeks, two lessons per week, payable in advance :

Piano, Voice, Violin, Cabinet Organ, Cornet, 1st and 2d grades, each,	$15 00
Piano, Voice. Violin, Cabinet Organ, Church Pipe Organ, Cornet, 3d, 4th, 5th and 6th grades, each,	20 00
Harmony,	15 00
Theory of Music,	15 00
Counterpoint,	15 00
Composition,	15 00
Orchestration,	15 00
Class in Sight Singing,	2 00
Estimated expenses per term for music used, about,	5 00
Rent of Piano, one hour per day, per term,	3 00
Rent of Pipe Organ, two hours per day, per term,	5 00

(Organ blowing extra, about fifteen cents per hour.)

DIPLOMAS.—Diplomas are given the graduates of these different courses, signed by the President of the Faculty, Director of Music and teachers of the various departments from which they are graduated.

LADY STUDENTS' HOME.—Ladies studying Music only are admitted to Hulings Hall, on the same terms as other lady students. (See page 26.)

Department of Art.

This department is under the charge of Mrs. J. W. Sturdevant, who has studied in New York several years with eminent artists, and with the Art League. Mrs. Sturdevant's work as an artist ranks high, and as an Art teacher she has had marked success.

There will be thorough courses of study in Drawing from the Antique, in Perspective, and in Painting in Oil and Water Colors. For students of sufficient advancement, a class in Drawing from Life will be formed. There will be additional classes in Sketching and in Decorative Art.

The principles and practice of Art will be taught chiefly through the study of Antique Sculpture. On passing a satisfactory examination in this, students can enter other classes.

The Studio is fully equipped with the finest full-sized casts of antique statuary, with studies drawn or painted from nature, etc.

In the School of Preparation for College, students may elect two years of Music or Art as a substitute for Historical and other required studies.

RATES OF TUITION.

For term of ten weeks, two lessons per week, payable in advance:

Drawing from Antique or from Life, and use of Studio three hours daily,	$15 00
Painting in Oil or in Water Colors, and use of Studio three hours daily,	15 00
Perspective,	10 00
Sketching,	5 00

To members of the class in Antique Drawing, or the class in Painting, the Sketching will be free.

CORRESPONDENCE.

For Catalogue or any information concerning Conservatory of Music or Department of Art, address Director Meadville Conservatory of Music, Meadville, Pa.

Register of Students.

POST-GRADUATE.

NAME.	RESIDENCE.
Allison, Thomas B., (4)	Purchase Line
Benham, Geo. A., (1)	Courtland, N. Y.
Crouch, John M., (4)	Townville
Curtis, Anson Bartie, (4)	Rives Junction, Mich.
Dryden, M. F., (4)	Wheeling, West Va.
Fuller, Clifford W., (1)	Chardon, Ohio
Gallup, Wm. H., (2)	Youngstown, Ohio
Grote, Charles A., (7)	Greenboro, Alabama
Griffith, M. Bryant, (4)	Sharon
Heckel, Edward B., (5)	Allegheny City
Hotchkiss, Henry V., (4)	Meadville
Hess, J. Henry, (8)	Grafton, West Va.
Miles, Joseph W., (4)	Pittsburg
Mitchell, Walter, (4)	Wellsburg, West Va.
O'Connor, David C., (1)	Lincoln, Neb.
Petty, James Taylor, (1)	Beaver
Prather, Silas Hancox, (8)	Ellington, New York
Reynolds, Grafton T., (8)	Wellsburg, West Va.
Reitze, Harriott, (3)	Meadville
Scherer, Melancton, G. G., (8)	Grafton, West Va.
Sturdevant, James W., (1)	Meadville
Wood, Emory M., (5)	Baldwin City, Kan.

The figures refer to Courses of Study, as follows: (1) Political and Social Science. (2) English Language and Literature. (3) Mathematics. (4) Mental and Moral Science. (5) Physics and Chemistry. (6) History. (7) French and German. (8) Theism and Christianity.

SENIORS.

Askue, William L.,	Jefferson, O.
Brundage, Ena L.,	Pecksville
Cattern, Frank A.,	Mt. Ayer, Iowa
Coup, George G.,	Venango
Couse, Edwin P.,	Sheakleyville
Dean, Salem A.,	Meadville
Elliott, Will A.,	Marlboro, O.
Fuller, George Howard,	Garrettsville, O.
Household, Harry,	West Newton

Howe, Fred C.,	Meadville
Hoskin, Ellen V.,	Garrettsville, O.
Hotchkiss, H. J.,	New Wilmington
Hunsberger, Wm. H.,	Barkeyville
Laffer, Corney C.,	Meadville
Lindsey, Alton C.,	Sherman, N. Y.
Lindsey, Fred Brooks,	Sherman, N. Y.
McNair, Wm.,	Oil City
Miner, Frank B.,	Warren, O.
Mixer, Edgar M.,	Union City
Mowbray, Flora A.,	Meadville
Nash, John C.,	San Francisco, Cal.
O'Connor, David Charles,	Grove City
Proper, Emerson E.,	Titusville
Reitz, Ralph B.,	Stanton
Rudkin, John Joseph,	Kinsman, O.
Robinson, Adelaide,	Butler
Richey, Joseph Burdette,	Sunville
Silliman, Joseph Warren, (C. E.)	Meadville
Smith, Jessie,	Harmonsburg
Snyder, Gertrude Leigh,	North Bloomfield, O.
Twining, William S.,	Meadville
Walton, Calvin L.,	Center Road
Wood, Elizabeth Corinne,	Pittsburg

JUNIORS.

Anderson, J. Robert,	Randolph, N. Y.
Barrett, Harry M. W.,	Titusville
Baldwin, Lee A., (E.)	Kinsman, O.
Bray, Frank Chapin,	Union City
Carr, Alvah Lemuel, (E.)	Mosiertown
Crowthers, Robert Coulter,	Wood's Run
Dunn, Harry,	Connellsville
Dice, Frank,	Akron, O.
Dunkle, Valentine F.,	Meadville
Espy, Harry Boyd,	Erie
Fradenburgh, Adelbert G.,	Warren

Students whose names are followed by (E) are in the Engineering Department; others are in the A. B. Courses.

Gageby, Frank L., (E.) . . . Greensburg, Ind.
Gibson, James Stewart, ... Meadville
Heiser, William G., ... Maysville, Ky.
Hersperger, Edward A., ... Pittsburg
Hawk, John Bunyan, ... Sharpsville
Hood, James Earl, ... Miller's Station
Johnson, Wm. W., ... West Middlesex
Mattern, Edwin La Fayette, . . . Huntingdon
Marquis, Samuel Simpson, . . . Sharon, O.
Miller, Henrietta E., ... Brownsville
Morrison, Thos. M., ... Edinboro
Miller, Clarence L., ... Meadville
Newkirk, Charles E., ... West Middlesex
Porter, John L., ... Meadville
Siling, Will Lester, ... Greensburg, Ind.
Stubbs, Francis Gurney, ... Meadville
White, Lowell E., ... Conneautville
Work, Fred Raymond, . . . Meadville

SOPHOMORES.

Barnes, Arthur, ... Pleasantville
Benson, Paul Allen, ... Waterford
Bumgarner, George Leonard, . . . Millsboro
Bullock, Fred Lucas, ... Sharon
Chaffee, Willis, ... Hatch Hollow
Clark, Helen A., ... Union City
Chesbro, Ellen, ... Willoughby, O.
Couse, Howard A., ... Tidioute
Collins, Frank Alonzo, ... Espyville
Deming, William C., ... Mount Olivet, Ky.
Ehrenfeld, James Gilbert, ... Gallitzin
Elliott, Robert Wallace, . . . Marlboro, Ohio
Foote, Stella Louise, ... Wattsburg
Hawk, Chas. Barnes, ... West Middlesex
Household, Gertrude Vina, . . . West Newton
Jewell, Charles Sherman, . . . Ravenna, Ohio
Johnson, Harry P., ... Blairsville
Linn, B. P., ... Meadville
Mount, Carrie Francis, ... Oil City

McClure, Chas. Noble, ... Sharon
Pickett, Lucy . . . . . Meadville
Phillips, Gamaliel Solomon Wilson . . . Townville
Porter, W. E., ... Meadville
Russell, Fred A., ... West Middlesex
Ross, Clarence F., ... Mill Village
Slaven, J. B., (E.) . . . . . Meadville
Sweeny, Martin Joseph, ... Kane
Stenger, William Henry, ... Greenville
Trumper, Fred, ... Meadville
Wiseman, John Poe, ... Ravenna, Ohio
Wood, S. Horner, ... Pittsburg
Youngson, William Wallace, ... Pittsburg

FRESHMEN.

Adams, Robert Thompson, ... Porter
Black, Frank Willis, ... Bruin
Byers, Henry Booth, ... Cooperstown
Brown, Manley O., ... Greenville
Bates, Alfred J., ... Meadville
Burgess, Alfred Samuel, (E.) . . . . Meadville
Christley, Samuel J., ... Moniteau
Campbell, Shields A., ... Indiana
Corey, George Washington, . . . North East
Chesbro, Ellis J., ... Willoughby, Ohio
Coder, Anna, ... Meadville
Clark, Helen J., ... Buffalo, New York
Davis, Arthur F., ... North East
Davis, Virginia, ... Kingsville, Ohio
Diffin, Harriet A., ... Meadville
Echols, Monroe Justice, ... Fredonia
Evans, Alice Mildred, ... Corry
Eagleson, D. Harold, ... Meadville
Falconer, Archie, . . . Jamestown, New York
Freeman, Charles C., ... Espyville
Foster, May, ... Meadville
Gundy, Fred, ... West Middlesex
Gibson, John Arthur, ... Blooming Valley
Griffin, William B., ... Franklin

Hopkins, David Perry,	Willoughby, Ohio
Harper, Florence,	Meadville
Hull, Lulu,	Corry
Kurtz, E. L.,	New Castle
Kepler, Maud A.,	Meadville
Large, Horatio Marcus,	Jamestown
Liebendorfer, Henry F.,	Beaver Falls
Lytle, F. Edgar,	Meadville
Miller, Laura,	Meadville
McClelland, Alvin Oren,	Thornhill
Miller, Edward E.,	DuBois
Oswalt, Benjamin Franklin,	Garrettsville, Ohio
Pickett, Will A.,	Meadville
Peffer, Crawford Alberti,	Covode
Ray, George S.,	Meadville
Reisinger, Paul A.,	Meadville
Seamans, Arthur E., (E.)	Factoryville
Spencer, John Culbertson,	Hayfield
Sisley, Frank Harvey,	Meadville
Simons, D. F.,	Edinboro
Talman, Leon,	Meadville
Tate, Zannie P.,	Meadville
Wallace, J. A.,	Beaver Falls
Warner, Mary,	Meadville
West, Ferd D.,	Meadville
Whitfield, Homer D.,	Pittsburg
Whitely, Joseph,	Philadelphia

THIRD PREPARATORY.

Bird, George W.,	Wilkes Barre
Barron, Walter George,	New Lexington
Barrows, William S.,	Chardon, O.
Bradley, Harry H.,	Bradford
Boyer, Virgil O.,	Warren
Conway, Otis E.,	Jamestown, N. Y.
Cattern, Fred,	Saegertown
Cummings, Birdie,	Geneva
Dean, Norville,	Pittsburg
Densmore, Clint,	Meadville

Eckels, Asa J., ... Fredonia
Evans, Alvin Martin, ... Oil City
Frey, Jean M., ... Meadville
Frisby, Ida M., ... Meadville
Fox, Robert T., ... Meadville
Grant, Georgie C., ... Willoughby, O.
Gelvin, Leida M., ... Meadville
Gelvin, Vernice G., ... Meadville
Haskell, William A., ... Pleasantville
Hamilton, George L., ... Jamestown, N. Y.
Heydrick, Benjamin A., ... Carlton
Joslin, Orval H., (E.) . . . . . Burton, O.
Johnson, Charles Harmany . . . . . New Castle
Johnson, William Lee, ... New Castle
Kellogg, Harriette, M. E., . Seattle, Washington Territory
Knowles, Edwin M., ... East Liverpool, O.
Leffingwell, Wallace C., ... Kinsman, O.
Luce, Charles H., ... Carmichals
McKinney, Horace, ... Meadville
McBride, John Lewis, ... Seneca
Nickerman, Elmer S., ... Hadley
Quay, William H., ... Meadville
Snyder, Byron, ... North Bloomfield, O.
Smith, Clara, ... Meadville
Starr, David L., ... Bellevue
Tate, John P., ... Meadville
Watson, Rebecca B., ... New Castle
Whitney, May E., ... Pittsfield
Wallace, John S., ... New Castle

SECOND PREPARATORY.

Berlin, William C., ... Franklin
Brubach, Alfred T., ... Emsworth
Blose, Ralph, ... Brady's Bend
Breckenridge, H. E., . . . Little Valley, New York
Bowman, Frank, ... Meadville
Carew, Clement J., ... Meadville
Clare, Herbert H., . . . Dunkirk, New York
Cogley, William Jerie . . . . . Elderton

Davis, George S.,	Meadville
Donley, Meda,	Mount Morris
Donley, Lena H.,	Mount Morris
Emory, Ella May,	Millboro
Eighmy, Lee W.,	Springboro
Findley, Samuel Reid,	Hartstown
Good, Anna,	Meadville
Haskell, F. N.,	Pleasantville
Hyner, Doane R.,	Erie
Jones, William S.,	Allegheny
Kolb, Louise G.,	Yonkers, New York
Lord, Bert L.,	North East
Lucus, F. W.,	Castile, New York
Meikrantz, Carrie C.,	Hazelton
Mead, F. M.,	Venango
McKinney, F. W.,	Meadville
Murphy, Frank Hugh,	Millerstown
McComb, James,	Pittsburg
McFate, Lizzie,	Cochranton
McQuiston, Jennie,	Hartstown
McLaughlin, Frank,	Meadville
Mowry, Edgar D.,	Gowanda, New York
Nesbitt, Chas. T.,	Fairmont, West Virginia
Parker, Thomas M.,	Emsworth
Quick, Will A.,	Espyville
Roach, William C.,	Fishkill, New York
Rodkey, S. E.,	Derry Station
Stright, Benj.,	Bellevue
Simpson, Nellie,	Millerstown
Simpson, Harry A.,	Millerstown
Swearer, Wm. C.,	
Shields, James Kurtz,	Evanston, Illinois
Stephenson, Chas. K.,	Fishkill, New York
Tuttle, Joseph H.,	Poughkeepsie, New York
Walker, Geo. E.,	Butler
West, Jessie,	Bradford
Zinck, Chas. Jas. C.,	Meadville

FIRST PREPARATORY.

Boyd, Herman,	Coons' Corners
Crawford, Edna,	Wampum
Calvin, Arthur	Meadville
Cox, C. C.,	
Douds, William S.,	Calvin's Corners
Donley, Maggie,	Mount Morris
Derickson, Richard B.,	Meadville
Frew, William A.,	Pittsburg
Gable, B. G.,	Meadville
Hall, Florence,	Meadville
Hagerty, F. E.,	
Howe, John K.,	Tarentum
Hunter, Percy D.,	Meadville
Holman, Louis A.,	Mill Village
Hall, James R.,	Fredonia, N. Y.
Krepps, C. D.,	Brownsville
Ledebur, Amos F.,	East Hickory
Morris, J. L.,	Mount Morris
McGill, F. J.,	Meadville
Oaks, Addie,	Guy's Mills
Porter, Walter G.,	Meadville
Porter, Robert B.,	Meadville
Ross, L. F.,	Addison
Runk, Charles Wesley,	Phillipsburg
Singley, B. L.,	Freeland
Shadduck, P. H.,	Meadville
Ulrich, Ulysses,	Erie
Will, Charles E.,	Pittsburg
Warner, Harry,	Meadville
Williams, Clyde L.,	Guy's Mills
Wilson, B. L.,	Guy's Mills

UNCLASSIFIED.

Murphy, Anna,	Millerstown
Miller, Margaret,	Meadville
McCullough, Miss	
Whitman, Agnes D.,	

Triennial Catalogue

OF

ALLEGHENY COLLEGE.

FOUNDED IN 1815. CHARTERED IN 1817.

OFFICERS OF THE COLLEGE.

PRESIDENTS OF THE BOARD OF TRUSTEES.

Accessus.		*Exitus.*
1817	Rev. TIMOTHY ALDEN, D.D.	1818
1818	Hon. JESSE MOORE.	1819
1819	PATRICK FARRELLY, Esq.	1820
1820	Gen. ROGER ALDEN.	1825
1825	JOHN REYNOLDS, Esq.	1827
1827	Hon. HENRY SHIPPEN.	1830
1830	JOSEPH MOORISON, Esq.	1845
1845	Hon. DAVID DERICKSON.	1874
1874	ALEXANDER BRADLEY.	

PRESIDENTS OF THE FACULTY.

Accessus.		*Exitus.*
1817	Rev. TIMOTHY ALDEN, D.D.	1833
1833	Rev. MARTIN RUTER, D.D.	1837
1837	Rev. HOMER J. CLARK, D.D.	1847
1847	Rev. JOHN BARKER, D.D.	1860
1860	Rev. GEORGE LOOMIS, D.D.	1874
1875	Rev. LUCIUS H. BUGBEE, D.D.	1882
1883	Rev. DAVID H. WHEELER, D.D., LL.D.	1888
1888	Rev. WILBUR. G. WILLIAMS, D.D.	

VICE PRESIDENTS OF THE FACULTY.

Accessus.		*Exitus.*
1817	Rev. ROBERT JOHNSON, D.D.	
1833	Rev. HOMER J. CLARK, D.D.	1837
1837	Rev. MATTHEW SIMPSON, D.D.	1839
1839	Rev. JOHN BARKER, D.D.	1847
1847	Rev. GEORGE W. CLARKE, D.D.	1855
1855	Rev. CALVIN KINGSLEY, D.D.	1857
1857	Rev. LORENZO D. WILLIAMS, A.M.	1863
1863	Rev. JONATHAN HAMNETT, D.D.	1885
1885	Prof. GEO. W. HASKINS, A.M.	1886
1886	Ren. N. LUCCOCK, D.D.	1888
1888	Rev. D. H. WHEELER, LL.D.	

MEMBERS OF THE FACULTY.

Accessus.		*Exitus.*
1827	Rev. TIMOTHY ALDEN, D.D.	1833
1817	Rev. ROBERT JOHNSON, D.D.	
1829	Rev. DAVID McKINNEY, D.D.	1830
1829	REYNELL COATES, M.D.	1830
1833	Rev. MARTIN RUTER, D.D.	1837
1833	Rev. HOMER J. CLARK, D.D.	1847
1833	AUGUSTUS M. RUTER, A.B.	1836
1836	Rev. WILLIAM M. BURTON, A.M.	1839
1837	Rev. MATTHEW SIMPSON, D.D.	1839
1837	Rev. GEORGE W. CLARK, D.D.	1855
1838	Rev. R. T. P. ALLEM, A.M.	1543
1839	Rev. JOHN BARKER, D.D.	1860
1840	Rev. CALVIN KINGSLEY, D.D.	1857
1840	Rev. MOSES CROW, D.D.	1841
1845	Rev. JONATHAN HAMNETT, D.D.	
1846	Rev. LORENZO D. WILLIAMS, D.D.	1863
1855	Rev. ALEXANDER MARTIN, LL.D.	1864
1850	Rev. WILLIAM HUNTER, D.D.	1871
1861	Rev. GEORGE LOOMIS, D.D.	1874
1863	Rev. JAMES MARVIN, D.D.	1875
1863	JEREMIAH TINGLEY, Ph.D.	1886
1864	Rev. AMMI B. HYDE. D.D.	1884
1866	GEORGE F. COMFORT, Ph.D.	1872
1872	CHARLES W. REID, A.M.	1886
1875	GEORGE W. HASKINS, A.M	1886
1875	Rev. LUCIUS H. BUGBEE, D.D.	1882
1877	Rev. WILBUR G. WILLIAMS, D.D.	
1877	JAMES H. MONTGOMERY, A.M., Ph.D.	
1877	1st Lieut. F. W. HESS, U. S. A.	1880
1880	1st Lieut. GEO. O. WEBSTER, U. S. A.	1884
1880	HARRIET A. LINN, M.A.	1883
1882	MILTON B. GOFF, Ph.D.	1884
1883	Rev. DAVID. H. WHEELER, D.D., LL.D.	
1884	Rev. A. W. NEWLIN, A.M.	1886
1884	LOUISE S. McCLINTOCK, A.M.	1886
1884	1st Lieut. ALFRED M. FULLER, U. S. A.	1887
1885	Rev. N. LUCCOCK, D.D.	1888
1886	Rev. A. E. COLEGROVE, A.M.	
1886	S. E. STILWELL, Ph.D.	
1887	1st Lieut. J. F. KREPS.	
1888	Rev. JOHN H. MILLER, A.M.	
1888	Miss MARY E. BROAS, A.M.	

ALUMNI.

1821.

Timothy J. F. Alden, M. A.*
Thobert W. Alden, M. A.*
David Derickson, M. A., LL.D.*
Alexander M. White, M. A., M. D.*

1824.

David M. Farrelly, M. A., Meadville

1826.

James L. A. Crary, M. A.*
John W. Farrelly, M. A.*
William B. Fordney, M. A., Crawford County
Charles B. Power, M. A., Lancaster
Oliver A. Taylor.*

1831.

Bradford R. Alden.*
James G. Wilson, Pennsylvania

1835.

James M. Ellis, Fayette, Mississippi
Thomas Van Horne, M. A., Meadville
Philander S. Ruter.*
George W. Clarke, M. A., D. D., Akron, Ohio
William H. Davis, M. A.*
William McMichael, M. A., Mariasville
Orloff, A. Zane, Baltimore, Maryland

1836.

Cyrus Nutt, M. A., D. D.*

1837.

Lewis Burton, M. A., D. D., Cleveland, Ohio
R. W. Lauck, M. A., Brook County, West Virginia
Joseph Morrison, Jr.*
John McMasters, M. A., Venango County
William Reynolds, M. A., Meadville
George White, M. A., Williamsport

1838.

Edward A. Bryson, Belmont, Ohio
Jabez A. Burton.*
Milton C. Canfield, M. A., Chardon, Ohio

Joseph Gist, M. A., M. D., - - Independence, West Virginia
Henry Shippen, M. A.* - - - -
Joseph Uncles, M. A.* - - - - -

1839.

William Baldwin.* - - - -
William H. Barris, M. A., - - - Iowa City, Iowa
Orson W. Bennett, M. A., - - - - Jackson, Michigan
William L. Callender, M. A., - - - Victoria, Texas
P. A. Farrelly.* - - - - -
C. A. Frazee, - - - - - - Mississippi
Joshua Gist, M. A., M. D., - - Independence, West Virginia
Jonathan Hamnett, M. A., D. D., - - - - Meadville
F. H. Pierpont, M. A., - - - Fairmont, West Virginia
J. M. Plant, - - - - - Kinsman, Ohio

1840.

M. R. Atkins, M. A., - - - Warsaw, New York
A. E. S. Bailey.* - - - - -
John H. Bailey, M. A., - - - - Perry, New York
Gordon Battelle, M. A.* - - - -
Benjamin Bassell, Jr., - - - Fairmont, West Virginia
J. P. Brawley, M. A.* - - - - -
Moses Crow, M. A., D. D.* - - - -
Darwin, A. Finney, M. A.* - - - -
Francis A. Hall, M. A., - - - - Kentucky
J. B. Johnson, M. A.* - - - - -
W. A. Kelly, - - - - - Venango County
Johnson Pearson, M. A., - - - - - Mercer
M. G. Porter, - - - - - Venango County
J. G. Stewart, M. A., M. D., - - - Shaver's Creek
J. J. Sikes, M. A., - - - - - California

1841.

Richard N. Allen, - - - - - Texas
Charles W. Bailey, M. A., - - East Rockingham, West Virginia
William S. Baird, M. A., - - - - Salem, Ohio
Orville Babcock, - - - - - Ashtabula, Ohio
Samuel N. Callender, M. A., - - - Mt. Crawford, Virginia
Selden S. Cooke, - - - - - Marietta, Ohio
Charles A. Derickson.* - - - - -
William K. Galley.* - - - -
Calvin Kingsley, M. A., D. D.* - - - -
Ebenezer B. Lane, M. A.* - - - -
Almiran G. Miller.* - - - - -
Victor M. Rice, M. A.* - - - -

Robert J. White, M. A., - - - - Peoria, Illinois
Charles Woodruff, M. A.* - - - - -
Napoleon B. Youngs, - - - - - Ohio

1842.

W. V. P. Blakeslee, - - - - - Erie
George F. Brown, M. A., - - - - Warren, Ohio
C. W. Callender, M. A.* - - - -
John H. Davis.* - - - - -
G. B. Hawkins, M. A.* - - - -
William S. Harris, - - - - - New York
Reuben G. Webb, - - - - - New York
Peter Wright, - - - - - - Pennsylvania
Samuel Woods, LL. D., - - - Philippi, West Virginia

1843.

George E. Appleton, M. A., - - - - Birmingham
Martin S. Harmon, - - - - - Ohio
David S. Morris, - - - - - New Castle
R. J. Powers, A. M., - - - - Pittsburg
Benjamin F. Stowe.* - - - - -

1845.

Rodney Norton, Jr., - - - - - Cedar Falls, Iowa
Hezekiah Reeder, - - - - - Kentucky

1846.

David Bain, M. A.* - - - -
G. W. K. Gibbons.* - - - - -
W. McC. Groff.* - - - -
Alexander Hunt, M. A., - - - - Osage, Iowa

1847.

William A. Davidson, M. A., D. D., - - - Cleveland, Ohio
Sanford Hunt, M. A., D. D., - - - New York City
Egbert A. Jackson, - - - - - Gallipolis, Ohio
Alexander Martin, M. A., D. D., LL. D., - - Greencastle, Indiana
Samuel H. Nesbit, M. A., D. D., - - - - Butler
George T. Pearson.* - - - - - -
Benjamin B. Pickett, M. A., - - - - Meadville
Charles B. Stevens, M. A., - - Beecherville, Ohio
George Williamson, M. A.* - - - -
John B. Williamson, M. A.* - - - -

1848.

Wm. Annesly, - - - - - New York
Wm. Bailey, M. A., - - - - - Ohio
E. G. Huston, M. A.* - - - -

E. P. Jones, - - - - - - Pittsburg
W. D. McGowan, M. A., M. D., - - - Pittsburg
J. W. Porter, - - - - - Mercer County
Wm. Swisshelm, M. A., - - - - Pittsburg
Marvin Warren, - - - - Bellefontaine, Ohio
James W. Wilson, M. A., - - - - Nunda, New York
Robert Hays, M. A., - - - Highland, Ohio

1849.

James Greer, M. A.* - - - -
O. N. Hartshorn, M. A., LL. D., - - - Mt. Union, Ohio
Moses Hill, M.A., D.D., - - - Kalamazoo, Michigan
Alfred Keeling, M.A., D.D.* - - - -
Henry O. Larkin, M.A.* - - - -
J. K. Lee, M.A., M.D.* - - - - -
George L. Little, M.A., - - - Council Bluffs, Iowa
D. A. McCready, M.A , - - - - Urichsville, Ohio
James Pollock, M.A., - - - - - Pittsburg
R. W. Williams.* - - - - -

1850.

R. Wesley Black, M.A., - - Washington, District of Columbia
James C. McNight, M.A., - - - - Pennsylvania
T. C. McCormick, - - - - Cadiz, Ohio
John Randall, M.A., - - - - Waterloo, Iowa
Josiah Robins, - - - - - Niles, Ohio
Washington Robbinson, M.A.* - - - -
Solomon Schoyer, Jr., M.A., - - - - Pittsburg
Silas Searl, M.A., - - - - Murfreesboro, Tennessee
C. W. Smith, M.A.* - - - -
Alexander Stacy.* - - - - -

1851.

Adam Beck.* - - - - -
A. J. Brown, - - - - - - Pennsylvania
I. O. Chapman, M.A.* - - - -
G. W. Clarke, M.A., Ph.D., - - - Mt. Union, Ohio
John Y. Cowhick, M.A., - - - Cheyenne, Colorado
Lathrop S. Ellis, M.A., M.D., - - - Manistee, Michigan
Wm. G. Hobbs, - - - - Wheeling, West Virginia
H. C. Huston.* - - - - -
James Marvin, M.A. D.D., LL.D., - - - Lawrence, Kansas
R. C. Parsons, M.A., - - - - Salem, Massachusetts
Aaron Sullivan, M.A.* - - - -
Silas E. Warren, - - - - - -
George D. Wooden, - - - - Pennsylvania

1852.

Simon S. Burton, M.A., - - - Corry
J. N. Caldwell, M.A., - - - Indiana
Rufus Cooley, M.A., - - - New York
John H. Croxton, M.A., - - - Salem, Ohio
J. E. Cummings, M.A.* - - - -
W. H. Doughty, M.A., - - - Dakota
John F. Duncombe, M.A., - - - Des Moines, Iowa
Wm. T. Dunn, M A., - - - Allegheny City
Henry M. Farr, M.A., - - - - Salem, Iowa
Samuel F. Gard, M.A., - - New Orleans, Louisiana
Christopher Heydrick, M.A., - - - Franklin
C. K. Holiday, M.A., - - - Topeka, Kansas
John K. Keel.* - - - -
Elijah Knox, M.A., - - - - North Carolina
Albert L. Long, M.A., D.D., - - Constantinople, Turkey
Samuel Magaw, M.A., - - - Beaver
Jared C. Marcy, M.A., - - - Jacksonville, Florida
J. R. Merriman, M.A., - - - Schenectady, New York
J. B. Patton.* - - - - -
Stephen S. Sears, M.A.* - - - -
C. R. Stuckslager, M. A., M.D., - - - McKeesport
Thomas Wilson, M.A., - - Winona, Minnesota

1853.

J. W. Campbell, - - Wheeling, West Virginia
J. C. Cotton, M.A., M.D., - - - Meadville
J. F. Eberhart, M.A., - - - Chicago, Illinois
D. J. Gilbert, - - - - Ohio
D. D. Goshorn.* - - - -
John H. Gray.* - - - -
John C. High, M.A., - - - - Bennett
John H. Hopkins, M.A., - - - Albion, Michigan
W. P. Jones, M.A., - - Evanston, Illinois
Russell F. Keeler, M.A., - - Mt. Union, Ohio
Julius Lee, M.A., - - - Los Angeles, California
P. M. McFarland, M.A., - - - Ohio
Philo P. Pinney, M.A., - - - South Oil City
A. M. F. Randolph, M.A., - - - Emporia, Kansas
John M. Sullivan, M.A., M.D., - - Bordentown, New Jersey
Robert D. Wallace, M.A., - - - New Castle
Thomas L. Williams, M.A., - - - West Virginia

1854.

Edwin M. Bearce, M.A.* - - - -
Thomas H. Hagerty, M.A., - - St. Louis, Missouri
L. L. Hartman, M. A., - - - Mifflinsburg, Kansas

Joseph McCarty, - - - - - Salem, Iowa
James M. McKelvey, M.A., - - - St. Cloud, Minnesota
B. F. Martin, M.A., - - - - Grafton, West Virginia
F. W. Shippen, M.A.* - - - -
S. S. Stuntz, M.A.* - - - - -
J. Walter Waugh, M.A., D.D., - - - Allahabad, India
Samuel Wilkinson, M.A., - - - - Meadville
N. E. Worthington, M.A., - - - - Peoria, Illinois

1855.

P. S. Bancroft, M.A., - - - - - Butle
Wesley C. Best, M.A., - - - - Philadelphia
M. S. Bonnifield, M.A., - - - - - Nevada
Wm. L. Boydston, M.A., - - - Nebraska City, Nebraska
Benjamin R. Bratt, M.A., M.D.* - - - -
F. Brown, M.A.* - - - - -
J. W. B. Clarke, M.A., - - - - Ashtabula, Ohio
W. B. Cline, M.A., - - - - - Texas
Milton B. Goff, M.A., Ph.D., LL.D., - - Allegheny City
J. B. Grover, M.A., - - - - Johnsonville, Ohio
Thomas Hammond, M.A., - - - McConnellsville, Ohio
Horatio S. Kennedy, M.A., - - - - Tennessee
N. W. McConnell, M.A., - - - Hartsville, Tennessee
Joseph McDowell, - - - - - Portsmouth, Ohio
Ephraim Miller, M.A., - - - Lawrence, Kansas
J. Neff, Jr., M.A., - - - - Baltimore, Maryland
E. H. Ottinger.* - - - - -
Joseph W. Pickett, M.A.* - - - - -
N. B. Reisinger, M.A.* - - - - -
E. M. Spencer, A.M., - - - Mt. Vernon, Indiana
M. B. Welch, M.A., - - - - - Beaver

1856.

Wm. D. Archibold, M.A., - - - - New York City
Horace W. Bancroft, M.A. - - - - -
Daniel Canfield, M.A., - - - - Marietta, Ohio
Pearson Church, M.A., - - - - - Meadville
Myron Park Davis, M.A., - - - - Meadville
Edward Ellison, M.A.* - - - - -
Nelson Green, M.A.* - - - -
James P. Hassler, M.A., M.D., - - - - Meadville
N. B. Heth, M.A., - - - - Springfield, New York
Wm. B. Holt, M.A., - - - - - Monterey
G. W. Johnson, M.A., - - - - Avalon
L. D. Kee, M.A.* - - - - -
O. S. Long, M.A., - - - Charlestown, West Virginia

Samuel B. Myres, M.A., Franklin
J. W. H. Reisinger, M.A., Meadville
Irus H. Smith, M.A.*
Hugh G. Smith, M.A.*
Edward P. Snow, M.A.*

1857.

William Burgwin.*
Wm. M. Clement.*
Wm. McC. Dravo, Pittsburg
L. B. Duff, M.A., Pittsburg
J. P. Gould, M.A., Mt. Union
F. M. Gregg, M.A., Austin, Illinois
Wm H. Heller, M.A.*
Harvey Henderson, M.A., Pittsburg
R. S. Hogue, M.A.*
F. A. Jones.*
Joseph R. Kinkead, M.A., Meadville
Wm. H. McCarty, M.A., McConnelsville
R. U. McEntire, M.A., Custards
A. J. Merchant, M.A., D.D., Franklin
Henry T. Patten, McKeesport
J. N. Pierce, M.A., Clinton, Missouri
W. L. Redmond, M.A., Springfield, Iowa
Orville A. Ross, St. Louis, Missouri
Z. W. Shadduck, M.A.*
B. I. Sterrett, M.A.*
James M. Thoburn, M.A., D.D., Calcutta, India
D. D. Waugh, M.A., Ohio

1858.

T. J. Augustine, M.A., Shelbyport, Maryland
W. C. Burchard, M.A., Allegheny City
William Church, M.A., M.D.*
George Elliott, M.A., Meadville
M. E. Garrlson, M.A.*
Charles J. Hamnett, M.A., Homestead
John B. Hays, M.A., Brooklyn, New York
Isaac R. Hogue, M.A., Ohio
J. N. Hosey, M.A., Springfield, Missouri
Marcus Hotchkiss, M.A.*
H. T. McDowell, M.A., Savannah, Georgia
Daniel Mathias, M.A., Haddam, Missouri
John W. Mathias, M.A., Washington, Kansas
S. G. Nye, M.A., Oakland, California
E. I. Osborne, M.A., New Grenada

G. W. Ready, M.A., - - - - Sedalia, Missouri
J. A. Ready, M.A., - - - - Greenfield, Missouri
F. A. Reno, - - - - - - Erie
A. M. Robbins, - - - - - New Castle
John Stephens, M.A., - - - - Bridgeport, Ohio
Wesley D. Stevens, M.A., - - - Salineville, Ohio
Milton S. Westfall, - - - - - Augusta, Ohio
Thomas C. Westfall, M.A.* - - - -
Samuel Wykoff, M.A., - - - Grand Island, Nebraska
Samuel Wilson.* - - - - -

1859.

D. G. C. Baker, M.A., - - - - North Carolina
R. S. Borland, M.A., - - - - - Sharon
Sidney G. Brock, M.A., - - - - Macon, Missouri
A. G. Crowell, A.M., - - - - Lovell's Station
U. R. Fox, - - - - North Georgetown, Ohio
Henry Grunder, M.A., - - - Grove Centre, New York
Lewis Kimmel, M.A., - - - - Elderton
A. D. Lee, M A., * - - - -
O. G. McEntire, M.A., - - - - Emlenton
Henry Mansel, M.A., D.D., - - - Cawnpore, India
J. H. Messmore, M.A., - - - - Naini Tal, India
J. A. Neill, M.A., - - - - Titusville
Cyrus Pickett, M.A., - - - New Haven, Connecticut
J. Rowley, M.A., - - - - Franklin, Kentucky
O. H. Sackett.* - - - - -
A. Z. Thomas, M.A., - - - - Carrolton, Ohio
D. W. Wampler, M.A., - - - - Evansburg

1860.

William W. Arnett, - - - - Wheeling, West Virginia
N. Hutton Axtell, M.A., D.D., - - Englewood, Illinois
S. H. Birdsall, M.A., - - - - Greeley, Colorado
J. B. Brawley, M.A.* - - - -
F. G. Custard.* - - - - -
J. F. Daton, M.A., - - - - - Steubenville, Ohio
J. L. Hatch, M.A., - - - - - Corry
H. S. Johnson.* - - - - Annandale, Maryland
S. B. P. Knox, M.A., M.D., - - - - Brownsville
P. A. Laffer, M.A.* - - - -
G. W. Maltby, M.A.* - - - - -
R. S. McEntire, M.A., - - - - Muscatine, Iowa
Wm. V. Morrison, M.A., D.D., - - South Braintree, Massachusetts
A. D. Norris, M.A., - - - Taylorsville, Tennessee
R. H. Patterson, M.A., - - - - Clymer, New York

J. W. Phillips, M.A., - - - - St. Louis, Missouri
Hiram L. Richmond, Jr., M.A., - - - - Meadville
J. B. Reinholdt, M.A., M.D.* - - -
W. Robinson.* - - - - - -
J. W. Smith,. M.A., - - - Meadville
Z. C. Smulin.* - - - - -
Henry Wilson, M.A., - - - Uniontown

1861.

E. B. Byers, - - - - - Brookfield, Ohio
J. D. Chadwick, M.A., - - - - Franklin
John B. Compton, M.A., - - - - Meadville
S. M. Davis, M.A., - - - - - Chicago, Illinois
A. H. Domer, M.A., D.D., - - - New Philadelphia, Ohio
F. W. Hays, M.A., - - - - - - Oil City
O. B. Hendrick.* - - - - -
Andrew Johnson - - - - Wheeling, West Virginia
J. H. McKelvey.* - - - - -
N. G. Miller, M.A., D.D. - - - - Wilkinsburg
George Norris, - - - - Brooklyn, New York
A. C. Nutt.* - - - - -
M. M. Phelps, - - - - - Janesville, Wisconsin
C. B. Rich, - - - - - Lock Haven
S. B. Smith.* - - - - - -
I. N. Taylor, M.A., M.D., - - - - Edinboro
A. M. Williams, M.A., M.D., - - - - Bradford

1862.

Alexander Ashley, - - - Washington, District of Columbia
Curtis Arnold, M.A., - - - - - - Shenango
W. R. Bole, M.A.,- - - - - - Meadville
E. B. Cummings, M.A., - - - Portland, New York
R. C. Frey, M.A , - - - - - Meadville
John J. Henderson, M.A., - - - - Meadville
D. R. Greer, M.A., - - - - - New Castle
A. C. Hickman, M.A., - - - Winona, Minnesota
C. O. Johnson.* - - - - -
Lester Kuder, M.A., - - - Greenville
E. A. Ludwick, M.A., - - - - Milwaukee, Wisconsin
D. T. McKay, - - - - - - Plum
T. J. McKean, M.A., - - - - - Franklin
A. R. Miller. M.A., - - - - Huntingdon
James R. Mills, M.A., D.D., - - - Barnesville, Ohio
James McNaughton, M. A., - - - - - Corry
Frank P. Ray, M.A., - - - - - Meadville
A. J. Thomas.* - - - - -

T. H. Vosburg.*
T. J. Wells, Chicago, Illinois
L. W. Wilcox, Titusville

1863.

James M. Bray, M.A., Union City
W. Kennedy Brown, M.A., D.D., Cincinnati, Ohio
A. D. Chambers, M.A., Hartford, Kansas
H. M. DeFrance, M.A., Portland, Oregon
A. C. Johnson, M.A., Coopersdale
D. M. Gill, M.A.*
Edward H. Henderson, M.A. Meadville
A. J. Lindsey, Sherman, New York
W. A. Pinney.*
W. W. Smith, Nebraska City
G. W. Snyder, M.A., Warren
J. T. Streit, M.A.*
R. N. Stubbs, M.A., Silver Creek, New York
J. A. Thomas, M.A., Plattsburg, Minnesota
J. R. Weaver, M.A., Greencastle, Indiana
T. C. Wright, Meadville

1864.

F. A. Arter, M.A., Cleveland, Ohio
M. T. Bales, M.A., Meadville
T. F. Bracken, M.A., New Florence
Charles E. Hall, M.A., D.D., Meadville
G. W. Haskins, M.A., Meadville
J. Kinniff, M.A., Lawrence, Kansas
Charles McCaslin, M.A., Webster
George McLaughlin, M.A., Monticello, New York
L. S. Norton, M.A., Erie
D. A. Pierce, M.A., Fayette
James J. Tollerton, M.A., Cedar Falls, Iowa

1865.

George A. Chase, M.A., Titusville
J. Keemer Davis.*
R. N. Demain, M.A., Georgetown, Colorado
B. F. Edgell, M.A., Elkton, Ohio
Dana L. Hubbard, Erie
Lloyd Lowndes, Washington, Distsict of Columbia
E. S. Mechesney, Galesburg, Michigan

1866.

James F. Burwell, M.A.*
Newton Chalker, M.A., Akron, Ohio

J. D. Hammond, M.A., - - - Virginia City, Nevada
Carlo C. Mechem, M.A., - - Ottawa, Kansas
Wm. J. Mitchell, M.A., - - Lincoln, Nebraska
R. B. Murray, - - - - - Youngstown, Ohio
L. W. Ong, M.A.,* - - - - -
Wm. W. Painter, M.A., - - - - Warren
John A. Simpson, M.A., - - - - Eskridge, Kansas
Chas. H. Stocking, M.A., - - - Burlington, Ia
Welty J. Wilson, M.A., - - - Canton, Ohio

1867.

F. Blackmarr, M.A., - - - - Meadville
M. B. Chadwick, M.A., - - Owatonna, Minnesota
Cyrus C. Clark, M.A.,* - - - -
Edward Clark, M.A., - - Caseville, Michigan
E. D. McCreary, M.A., Ph.D., - - San Francisco, Cal.
J. I. Pinney, M.A., - - - Cleveland, Ohio
H. C. Titus, - - - - - Philadelphia

1868.

J. G. Albin, M.A., - - - - -
B. F. Beazell, M.A., - - - Pittsburg
A. A. Brown, - - - - - Hartsville, Ohio
J. P. Colter, M.A., - - - - Kittanning
G. F. Davenport, - - - - Meadville
J. R. Groves, M.A., - - - Coudersport, New York
N. P. Kinsley, M. A., - - - Franklin
G. S. McMillen, M.A., - - - Cuyahoga Falls, Ohio
H. Neville, M.A., M.D., - - Jamestown, New York
R. F. Randolph, M.A., D.D., - - Buffalo, New York
J. T. Riley, M.A., - - - - Pittsburg
William Todd, M.A., - - - - Beaver
J. A. Wright, M.A , - - - - Antioch, Ohio
Lewis Wick, - - - - - Lamartine

1869.

F. D. Bostwick.* - - - - -
C. W. Darrow, - - - - Brockwayville
G. W. Delamater, M.A., - - Meadville
W. M. Dight, - - - - - Mercer
George S. Ferris, M.A., - - - Pittston
A. B. Force, M.A., - - - - Pittsburg
C. W. Foulke, M.A., - - East Randolph, New York
W. H. Haskell, M.A., - - - Cleveland, Ohio
H. J. Humes, M.A., - - - Meadville
T. A. Lamb, M.A., - - - - Erie

Wallace Martin.*
J. W. McEntyre, M.A., Kittanning
G. E. Neville, M.A., Mayfield, Ohio
J. O. Parmlee, M.A., Warren
G. W. Plummer, Chicago, Illinois
W. W. Powers, M.A.*
W. A. Reeves, Warren, Ohio
W. E. Reis, M.A., New Castle
G. H. Taylor, M.A., Warren, Ohio

1870.

Caleb H. Barnes, Meadville
Clermont Barris, New York City
Ira D. Darling, M.A., Sheffield
Alexander Dight, M.A., Carlisle, Massachusetts
James C. Graham, M.A., Little Cooley
David A. Hays, Franklin
N. H. Holmes, M.A., New Castle
E. R. Jones, M.A., Canonsburgh
Wm. J. Lewis, Johnstown
A. T. Livingstone, M.A., Philadelphia
C. A. Moody, Painsville, Ohio
A. H. Roudebush, M.A., New York City
A. G. Richmond, M.A., Meadville
J. Q. Speaker, M.A., Pomeroy, Ohio
J. T. Spencer, Dakota City, Nebraska
F. B. Stephenson, M.A., United States Navy, Boston

1871.

A. A. Brooks, Erie
S. B. Craig, M.A., Warren, Ohio
C. D. Davie, M.A., Salamanca, New York
James Elden, M.A., Lock Haven
Lemuel Fawcett, M.A., Sioux City, Iowa
E. B. Flower, M.A., Meadville
S. B. Hotchkiss, M.A., Edinboro
L. T. Kirk, M.A., Sedalia, Missouri
G. W. Loomis, M.A., Rochester, New York
R. B. Mansell, M.A., D.D., McKeesport
F. O. Marvin, M.A., Lawrence, Kansas
T. M. McFarland, M.A., Pittsburg
A. R. Ong, M.A., Springfield, Ohio
Stephen Quinon, M.A., Pittsburg
J. E. Silliman, M.A., M.D., Erie
S. S. Simpson, M.A., Camp Chase, Ohio
Silas Sprowls, M.A., Boston, Massachusetts

E. W. Tollerton, M.A., - - - - Toledo, Ohio
J. M. Thompson, M.A., - - - - - Greece City
J. F. Wilson, M.A., - - - Chagrin Falls, Ohio

1872.

J. N. Clarke, - - - - - Nashville, Tennessee
W. S. Foltz, - - - - - New Castle
Le R. S. Foltz, - - - - - New Castle
R. G. Graham, M.A., - - - Meadville
A. W. Harbison, - - - - - New Castle
E. G. Hogate, M.A., - - - - Danville, Indiana
J. N. Hunt, M.A., - - - - - Pittsburg
J. O. McClintock, M.A., - - - - Meadville
C. F. Stokey, M.A., - - - - - Canton, Ohio

1873.

H. S. Bates, - - - - - Meadville
A. D. Bedford, - - - - Sioux City, Iowa
M. C. Harris, D.D., - - - - San Francisco, California
O. T. Hoffman, - - - - - Warren
T. M. Honeywell, - - - - - - Oil City
S. B. Griffith, - - - - - Mercer
C. E. Loomis, - - - - - Attica, New York
R. A. McKinley, M.A., Ph.D., - - - - Clearfield
W. McClintock, - - - - Cleveland, Ohio
H. M. Miller, - - - - - - Meadville
M. E. D. Nash, M.A., - - - Brooklyn, New York
J. S. Stewart, M.A., - - - - - Pittsburg
J. M. Williams, M.A., - - - - Cleveland, Ohio
G. J. Wolf, - - - - - Bradford
T. H. Woodring, M.A., - - - Blairsville

1874

William Courtney Bebee, M.A., - - - - Wattsburg
Frank Milton Bullock, - - - - New Castle
John Miller Dight, - - - - - Sandy Lake
Matthew Hill Grimmet, - - Green Vale, Tennessee
Almira Marsteller, - - - - Cochranton
Benjamin L. Millikin, M.A., M. D., - - - Cleveland
Joseph W. Miles, M.A., D.D., - - - - Pittsburg
Herman Henry Osthaus, M.A., - - - - Scranton
John Poe, M.A., - - - - - Findlay, Ohio
Mary Adelle Williams Wright, M.A., - - - Meadville
George I. Wright, M.A., - - - - Meadville

1875.

M. C. Bailey, - - - - - - Fairchance
Edward Kinney Creed, M.A., - - - - Mercer

James S. Eaton,
James George, M.A., Bradford
William Mayes Martin, M.A., Wisconsin
Lida M. Minniss
Julia Morum Bligh, Bradford
Thomas H. Silver, Wellsville, Ohio
Annie M. Warner Hempstead, M.A., Meadville
Wilbur Garretson Williams, M.A., D.D., Meadville

1876.

Alma Eva Albertson, Madison, Ohio
Walter Ozias Allen, Iowa
Camden McCormick Coburn, M.A., Ph.D., Detroit, Michigan
Austa Densmore Sturdevant, M.A., Meadville
William Plimpton Eckles, M.A., Smethport
Margaret Elizabeth Hartman, Meadville
Ernest H. Koester, M.A., Smethport
Lewis Henry Lauderbaugh, Meadville
Jared Clifton Marcy, Jr., M.A., Jacksonville, Florida
George McAlpine, Chagrin Falls, Ohio
John Sophronus McKay, M.A., Ph.D., Malone, New York
Charles Truitt Newlon, East Brady
Thomas M. St. John.*
Charles P. Woodring, M. D., Meadville

1877.

Wm. Crozier Bear.*
George Howard Huffman, Saltsville
Louisa Sarah McClintock, M.A., Moorehead, Minnesota
Wm. Elwin McDowell, Arkansas City, Kansas
James H. Montgomery, M.A., Ph. D, Meadville
Alfred S. Morrison, M.A., Canton
Thos. Dorr Sensor, M.A., Millville, New Jersey
Perry Allen Reno, M. A., Evanston, Illinois
Watson Hawkins Swartz, Beaver Falls
Lewis Walker, M.A., Meadville
Wayne Whipple, Boston, Massachusetts
Carrie Kitchell Wythe Williams, M. A., Meadville

1878.

John A. Bolard, M.A., Philadelphia
Hyre Dee Clark, M.A., Monmouth, Illinois
Livingston Llewellyn Davis, Homestead
James Doughty,
Andrew C. Ellis, M. A., Jamestown, New York
Jacob Albert Hovis, M.A., Pembina, Dakota

Ella A. Kinder, M.A., - - - - - Grove City
Mary Elizabeth Kugler, M.A., - - - - Sharon
Thompson Brainard Mackey, - - - - New York
Wm. Jas. McClintock, M.A. - - - East Liverpool, Ohio
Christian Albert Miller, - - - - St. Paul, Minnesota
Felix Clarence Pifer, M.A., - - - Buckhannon, West Virginia
Charles W. Rees.* - - - - -
Jacob Patterson Strayer, M.A., M.D., - - - Cambridge
John Newton White, - - - - - Sewickley
Elliott Sansom White, - - - - Pittsburg

1879.

Wm. McKee Beyer, M.A., - - - - Altoona
Charles Andrew Boush.* - - - -
Wellington Bowser, M.A., - - Albuquerque, New Mexico
Charles H. Bruce, - - - - Kansas City, Missouri
Herschell Lenus Campbell.* - - - -
Daniel Broadhead Heiner, - - - - Kittanning
Chas. Wm. Kugler.* - - - -
Allan Jas. Maxwell, M.A., - - - Lucknow, India
Walter Lowrie McClurg, - - - Chicago, Illinois
Chas. Bayard Mitchell, M.A., - - Plainfield, New Jersey
Gideon Homer Mosier.* - - - -
Oscar Burnham Moss, M.A., - - - Kansas City, Missouri
Emery Alden Nelson, - - - - - Sandy Lake
Arthur Manly Shellito, M.A., - - - Independence, Iowa
Emery Melville Wood, M.A., - - - Baldwin City, Kansas

1880.

Edward Thayer Bates, - - - - Meadville
Arthur Laban Bates, M.A., - - - - Meadville
Harriet D. Carter, M.A., - - - - Meadville
Anna Beatrice Carter Davis, - - - - Homestead
Frank Solomon Chryst, - - - - Warren, Ohio
Albert Ernest Colgrove, M.A., - - - - Meadville
Almon Benton Colter, M.A., - - - - - Warren
Phillip Arthur Dix, M.A., - - - Salt Lake City, Utah
Charles Albert Ensign, - - - - Youngstown, Ohio
Harriet Aurelia Linn Bebee, - - - - Nanking, China
Frank Fremont Lippitt, - - - - Meadville
Charles Edward Locke, M.A., - - - - Pittsburg
John Dugan Martin, - - - - - Media
George Sullivan Miner, - - - - - Nebraska
Amos Jesse Newell, M.A., - - - - Chicago, Illinois
Gilbert Almond Nodine, - - - - Seattle, W. T.
William Warren Shilling, - - - - - Sharon

Ida Minerva Tarbell, M.A., - - - - Meadville
William Harbaugh White, - - - - Pittsburg
William Clayton Wilson, - - - Cleveland, Ohio

1881.

James R. Andrews, M.A., - - - - Meadville
William J. Armstrong, M.A., M.D., - - - Kane
Iris Barr, - - - - - - Titusville
Mary E. Broas, M.A., - - - - Titusville
Arthur Dana Colegrove, M.A., - - - - Corry
M. C. Cameron, M.A., M.D., - - - - Pittsburg
Frederick Shellito, M.A., - - - - Marcellus, Michigan
Millard Fillmore Compton, M.A., - - Brooklyn, New York
Stewart Macaulay Decker, - - - - Bradford
Charles Edward Everett, M.A., - - Randolph, New York
Joseph Thomas Ewing, M.A., - - - - Mansfield
Charles Winthrop Fish, M.A., M.D., - - - Meadville
Andrew Fleming, Jr., M.A., - - - - North East
Simpson S. Ford, - - - - - Cleveland
David Arthur Gill, - - - - - Meadville
William Henry Hammon, M.A., - - - Cleveland, Ohio
Ida Josephine Henderson, M.A. - - - - Meadville
David Wilbur Hume, - - - - Rockville
Lynn Olin Mead.* - - - - -
Emma Francis Merchant Thoburn, M.A., - - Oil City
Clement Wellington Miner, M.A., - - - Cattaraugus, New York
Charles Louis Pappenhagen, - - - - Cleveland, Ohio
Minnie L. Seager, - - - - Randolph, New York
William Walter Tarbell, M.A., - - - Titusville
James Matthew Thoburn, M.A., - - - - Oil City
Wilbur W. Thoburn, M.A., Ph.D., - - College Park, California
John S. Throckmorton, M.A., - - - - Derby, Iowa
Judson Augustus Wann, - - - - Canton, Ohio
William Gildersleeve Warner, M.A., - - Cincinnati, Ohio

1882.

James Alexander Ballantyne, M.A, - - - Pittsburg
Charles Milton Blair, - - - - Chicago
Wm. F. Compton, M.A., - - - - Chatham, New York
Clementine Calvin, M.A., - - - Monmouth, Illinois
James K. Cubbison, - - - - - Eldorado, Kansas
Edgar Percival Cullum, - - - - - Meadville
Mary Elizabeth Darrow, - - - - Chicago, Illinois
Marshall J. Hovis, - - - - - Clintonville
James Wesley Kinnear, M.A., - - - - Pittsburg
George Walter Kling, M.A., - - - -

Joseph Marlatt, M.A., - - - - St. Louis, Missouri
Glenroie McQueen, - - - - Princeton, Nova Scotia
John Hoffman Miller, M.A., - - - - Meadville
Elmer Orville Minnigh, - - - - - Sunville
Edwin Wolcott Peck, - - - - Meadville
Emma Powell, M.A., - - - - - Cochranton
Samuel E. Ryan, M.A., - - - - Lisbon, Dakota
Charles Eyre Richmond, M.A., - - - - Meadville
Will A. Ridge, - - - - - New York
Charles McCoy Snyder, - - - - - New York
Harry Stoner, M.A., M.D., - - - - Cleveland
Thomas Huet Taylor, M.A., - - - Boston, Massachusetts

1883.

Wesley Benson Best, - - - - Meadville
Ethelbert E. Blair, M.A., - - - - Aurora, Ohio
Charles Mark Burkhalter.* - - - -
George Owen Calder, - - - - Omaha, Nebraska
Henry Chapman, - - - - - Saltville, Virginia
Simpson Elliott Ferree, M.A., - - - Minneapolis, Minnesota
Ernest Leslie Frisbee, M.A., - - - Lakewood, New York
Wheldon Pollock Grant, - - - San Francisco, California
Joseph Adwin Guignon, M.A., - - - - Pittsburg
Walter J. Guthrie, - - - - - Apollo
Helen M. Hayes, M. A., - - Washington, District of Columbia
Charles Warren Hollister, - - - - Warren, Ohio
Martha J. Hyde Thayer, - - - - Atlanta, Georgia
Morris Francis Laughlin, - - - - - Corry
James Miller McCready, M.A., M.D., - - - Sewickley
Edward Herman Pond, M.A., M.D., - - - Meadville
Elisha Marshall Robinson, - - - Pittsburg
Charles Prosser Robinson, - - - - Parker City
Frank Wade Silver, - - - - - Wellsville, Ohio
Mary Elizabeth Smith, M.A., - - - - Meadville
Joseph Alexander Vance, M.A., - - Cambridge, Massachusetts
Hattie A. Woods Thoburn, M. A., - - College Park, California

1884.

Earnest Ellsworth Baldwin, M.A., - - - Cleveland, Ohio
Edward Samuel Blair, M.A., M.D., - - - Sioux City, Iowa
Walter W. Case, - - - - - Meadville
Frank Murdock Currie, - - - - Omaha, Nebraska
Ewing W. Day, M.A., - - - - Vienna, Austria
Charles Walter Dean, M.A., - - - - McKeesport
Washington Irving Dice, - - - - - Akron, Ohio

Leon Leo Doane, M A., M.D., - - - - Meadville
Eugene P. Fenno, - - - - - Corry
Edith Jane Guignon, M.A., - - - - Corry
Alice Loraine Heath Proctor, M.A., - - Cameron, Mo
Henry Vernon Hotchkiss, M.A., Ph.D.. - - - Meadville
Willis Huffman.* - - - - - -
Marion Jordan, - - - - - New Lisbon, Ohio
Samuel Parker Long, - - - - Rangoon, Burmah
Wesley H. Martin, - - - - - Erie
Knighton T. Mead, M.A., - - - - Pittsburg
Alexander Willis Newlin, M.A., - - - Damascus, O
Harry W Plummer, - - - - Chicago, Illinois
William Burke Smythe, M.A., - - - - Buffalo, New York
James Beebe Stull, M.A., - - - Warren, Ohio
Sallie Welsh, M.A., - - - - - Franklin
Benjamin F. Wolff, - - - - Youngstown, Ohio

1885.

Chas. Winchester Benedict, M.A., M.D., - - - Findlay, Ohio
William Christian Beck, M.A., - - Washington, District of Columbia
Homer Smith Bodley, - - - Baton Rouge, Louisiana
John Darwin Croasmun, - - - St. Louis, Missouri
Willis Mead Everett, - - - - - Atlanta, Georgia
George Perry Ferree, M.A., - - - - Lock Haven
Charles Trout Fox, M.A., - - - Findlay, Ohio
William Henry Gallup, M.A., - - - Briar Hill, Ohio
Thomas James Hamilton, M.A., - - - Espyville
Robert Thomas Herrick, - - - Highland, Kansas
George Harris Lamb, - - - - Mercer
Blanche McGough, M.A., - - - - Franklin
Julia Bird McGrew, - - - - Allegheny City
William Penrose McElwain, M.A., - - Chicago, Illinois
Charles Miner Miller, - - - - - Pittsburg
Andrew Jackson Mitchell, - - - Fredonia, New York
Charles Willis Proctor, M.A., - - - - Cameron, Missouri
Clara Belle Snyder Hollister, - - - - Warren, Ohio
David Leslie Terwilliger, M.A., - - - - Mt. Hope
Crawford Rockwell Thoburn, M.A., - - Winfield, Kansas
David Lyle Thoburn, - - - - Bellaire, Ohio
Frank Jackson Thomas, M.A.. - - - - Meadville
Thomas Skelton Vickerman, M.A., - - Ft. Edward, New York
Albert Lorenzo Williams, - - - Buffalo, New York
Lydia Emma Wood Bodley, - - - Baton Rouge, Virginia

1886.

Orange Whitney Braymer, M.A., M.D., - - Camden, New Jersey
Robert Chambers Bole, - - - - - Meadville

Abram Lanman Chase, - - - - Centerville
May Clark Long, - - - - Rangoon, Burmah
Percy Densmore, M.A., - - - - Seine, France
Ira Jesse Dunn, - - - - - Meadville
T. A. Edwards, M.A., - - - - Union City
Harry Stevenson Free, M.A., - - - - Leechburg
Stella Frisbee, - - - - - Union City
Clifford W. Fuller, A.M., Ph.D., - - - - Chardon, Ohio
William Richard Graves, M.A., - - - Tomkinsville
Mae Goff, M.A., - - - New Haven, Connecticut
Samuel Myron Gordon, M.A., - - - Lakota, Dakota
Levi Eugene Haybarger, - - - - Omaha, Neb
Nannie Clara Jones, - - - - Greenville
Ruth Elizabeth Laubender, - - - Malvern, Ohio
Wilton Cornelius Lindsey, - - - - Jamestown
Charles Peter Lynch, - - - - Warren, Ohio
Howard Wilson McDowell, - - - - - Fredonia
Arlie Carletta Mead,* - - - - -
Mary Virginia Miller Lynch, - - - - Warren, O
William Palmer Murray, M.A., - - - - Sugar Grove
Lafayette Perkins, M.A., - - - Indianapolis, Indiana
Anna Clemson Ray, - - - - - Meadville
John Remer, M.A., - - - - Newark, New York
Sion B. Smith, M.A., - - - - - Meadville
Mary E. S. Scott, M.A., - - - - Ripley, New York
Charles Tracy Scofield, - - - - Dunkirk, New York
Frank Leonard Wells, LLB.., - - - - New Lisbon, Ohio
John Andrew Wood, M.A., - - - - Pittsburg

1887.

Thomas Baird Allison, - - - - - Plumville
William Bignell, - - - - Fredonia, New York
Rubie E. Blackmarr, - - - - - Meadville
Edward Benton Bodley, - - - Wheeling, West Virginia
Montello Eugene Blystone, - - - Falconer, New York
Ella Goff, - - - - - Allegheny City
Edward B. Heckel, - - - - Allegheny City
Frank E. Linn, - - - - - St. Louis, Missouri
Gertrude M. Merchant, - - - - - Franklin
Lizzie E. Miller, - - - - - Meadville
Benjamin Birchard Pickett, - - - - Meadville
Maud Von S. Roudebush, - - - - Buffalo, New York
Harriot Reitze, - - - - - Meadville
Francis Asbury Sayers, - - - - Franklin
Frank Herald Shaw, - - - - - North East
Mayne Reid Stevenson, - - - Jamestown, New York
Herman Wilson Smith, - - - - Vicksburg, Miss

Anna Mary Wilkenson, - - - - Pittsburg
William John Whieldon, - - - - - Grove City
David Morris Wise, - - - - Girard, Ohio
Charles L. Smith, - - - - - Pittsburg

1888.

Alice Apple, - - - - - Meadville
Frank Lyman Armstrong, - - - - Meadville
John William Bell, - - - - - Meadville
Ernest Albert Bell, - - - - - Meadville
Levi Bird, - - - - - New York
Albert Lewis Boush, - - - - - Meadville
Horatio Chauncey Carr, - - - - Union City
Gertrude Douglass, - - - - - Meadville
Wilfred W. Ellsworth, - - - - Barkeyville
Frank Ernest Fenno, - - - - - Corry
John Greenlee Fenton, - - W. Williamsfield, Ohio
Lillian F. Fradenburgh, - - - - - Warren
Elizabeth Hay Frey, - - - - Meadville
James G. Graff, - - - - Chicago, Illinois
Leon Vance Grove, - - - - New Lebanon
Daniel W. Howell, - - - Pleasant Valley, New York
William Charles Jason, - - - Madison, N. J
Frank Melville Kerr, - - - - - Adamsville
Charles G. Lindsey, - - - - Warren
Henry Havelock Luccock, - - - Kimbolton, Ohio
Fred H. McQuiston, - - - - Saegertown
William Tell Noss, - - - - Strasburg, West Virginia
J. Arnold Parsons, - - - - - Saegertown
Bedford Leak Perry, - - - - Centreville
James Taylor Petty, - - - - - Beaver
Bessie L. Putnam, - - - - - Harmonsburg
Myrtie A. E. Rice, - - - - Westfield, New York
Ward M. Sackett, - - - - - Meadville
Lillian May Swartz, - - - Meadville
Hiram Elbert Smith, - - - - Guy's Mills
Samuel Alexander Tomes, - - - Pittsburg
James M. Ward, - - - - - Dempseytown

HONORARY DEGREES.

M. A.

Amos, John M., 1885, O.
Archibald, Rev. F. A., 1878, O.
Armor, Samuel G., 1864, Mich.
Burns, G. W., 1860, O.
Brunson, Rev. A., 1834, Pa.
Brown, Rev. Wm. G., 1878, Canada.
Butler, Rev. M. A., 1856, Ind.
Brubaker, Henry, 1879, Pa.
Bauhn, J. H., 1854, N. J.
Craig, Allen A., 1866, Pa.
Cook, Rev. Charles, 1840, Pa.
Chapman, Rev. H. L., 1862, Pa.
Crawford, Frank R., 1884, Ill.
Clark, W. S., 1854, Pa.
Carson, John, 1857, Tex.
Crow, David, 1856, N. Y.
Cory, Daniel, 1820, Mo.
Cope, M. W., 1870, Pa.
Davidson, Rev. T., 1859, O.
Dempster, John, 1836, N. Y.
Dobbs, Rev. A. S., 1867, N. Y.
Dogherty, Robert R., 1884, N. Y.
Dodd, James B., 1841, Ky.
Day, Rev. W. F., 1865, Pa.
Espy, Rev. J. Boyd, 1885, Pa.
Erskine, John, 1845, Pa.
Feree, J. W., 1854, Pa.
Freshwater, Rev. R. M., 1876, O.
Forward, Walter, 1842, Pa.
Graham, Rev. W., 1861, Ind.
Gollier, P. A., 1843, Pa.
Gilchrist, J. C., 1870, O.
Hibbard, Rev. F. G., 1848, Va.
Harned, Rev. N., 1826, Pa.
Hess, F. W., 1875, U. S. A.
Horner, Richey J., 1888, Pa.
Harris, Flora Best, 1885, Pa.
Hunter, Rev. W., 1846, Pa.
Hitchcock, D. M., 1827, N. Y.
Ketler, Isaac C., 1882, Pa.
Kennedy, J. C. G., 1852, Pa.
Kennedy, Rev. W., 1846, Va.
Knowles, Rev. S., 1865, Ind.
Langley, G. A., 1888.
Lawson, D. W., 1882, O.
Lindsay, Rev. A. J., 1879, Pa.
Mayerhoffer, Rev. P., 1826, Pa.
McClelland, Jas. B., 1884, Pa.
Madison, Rev. M., 1846, O.
Miller, Rev. Chas W., 1886, Pa.
Mueller, G. A., 1872, Pa.
Nodine, Frank, 1882, O.
Nicholson, Rev. E. G., 1851, N. Mex.
Olds, Carmi C., 1849, Mich.
Peate, Rev. John, 1869, N. Y.
Plimpton, F. B., 1860, Pa.
Pickett, J. W., 1822, Md.
Porter, T. W., 1825, N. Y.
Reynolds, Rev. G. T., 1885, Pa.
Scott, Rev. R. W., 1886, N. Y.
Sherman, Miss Fanny, 1878, N. Y.
Sturgis, Rev. A. G., 1843, Pa.
Steadman, Rev. H. N., 1876, O.
Sturgeon, J. C., 1877, Pa.
Simpson, Rev. W. 1834, Pa.
Stevens, Rev. A. B., 1867, W. Va.
Sprague, Rev. L. L., 1879, Pa.
Stevens, E. W., 1860, Va.
Smith, Rev. C. W., 1871, Pa.
Tribby, Rev. John, 1873, O.
Tintsman, John C., 1883, Pa.
Williams, Rev. L. D., 1846, Pa.
Willey, W. T., 1839, Va.
Winthrop, William, 1822, Mass.
Wilson, Rev. Corwin V., 1886, O.
Wilson, Thomas F., 1881, Pa.
Walkins, Rev. D. W., 1861, Pa.
Wellei, Rev. George, 1818, Md.

Hilner, Rev. S. A., 1886,
Hallett, W. P., 1827, N. Y.
Houghton, Jacob, 1819, N. Y.
Jimison, Rev. M. P.
White, J. W. F., 1860, Pa.
Wright, Rev. Joseph E., 1886, Pa.
Yarnell, Rev. J. V., 1879, Pa.
Younghusband, L., 1861, C. W.

D. D.

Baird, Rev. I. N., 1858, Pa.
Bond, Rev. Thomas, 1846, N. Y.
Bills, Rev. J. E, N. Y.
Bolton, Rev. J. W. W., 1879, W. Va.
Buck, Rev. D. D., 1866, N. Y.
Blanchard, Rev. A., 1842, N. Y.
Clark, Rev. W. A., 1830, N. Y.
Cummings, Rev. H., 1821, N. Y.
Craft, Rev. Amos N., 1884, Pa.
Cranston, Rev. Earl, 1881, Col.
Crow, Rev. Moses, 1853, N. Y.
Deal, Rev. John S., 1870, Pa.
Doering, Rev. Charles F , 1875, Germany.
Durbin, I. P., 1836, Pa.
Davidson, Rev. W. H., 1866, Pa.
Dempster, Rev. John, 1840, N. Y.
Domer, Rev. Abram H., 1885, O.
Eaton, Rev. Theodore N., 1889, Pa.
Edwards, Rev. James T., 1876, N. Y.
Elliott, Rev. Charles, 1838, O.
Grier, Rev. J. F., 1823, Pa.
Gillmore, Rev W. F., 1889.
Gibson, Rev. Alex. B., 1875, Md.
Graham, Rev. William, 1868, Ind.
Gunn, Rev. Alexander, 1817, N. Y.
Harris, Rev. M. C., 1888, Cal.
Hall, Rev. Charles E., 1884, Pa.
Hillyer, Rev. Asa, 1818, N. J.
Horner, Rev. Joseph, 1869, Pa.
Hartzell, Rev. I. C., 1879, La.
Harris, Rev. W. L., 1856, O.
Hunt, Rev. Sanford, 1871, N. Y.
Holliday, Rev. F. C., 1859, Ind.
Johnson, Rev. W. L., 1846, N. Y.
Johnson, Rev. E. A., 1863, O.
Kinney, Rev. Wesley, 1861, Pa.
Kean, Rev. J. M., 1817, Mass.
Kay, Rev. S., 1852, England.
Kempt, Rev. J. S., 1842, Ky.
McCabe, Rev. L., 1855, O.
Miller, Rev. A. B., 1863, Pa.
Mansell, Rev. Henry, 1888, India.
Moore, Rev. Franklin, 1862, Pa.
Miller, Rev. Noble G., 1885, Pa.
Mehlenburg, Rev. H. A., 1823, Pa.
Mansell, Rev. R. B., 1885.
Mead. Rev. W. C., 1830, Pa.
Mechem, Rev. James, 1886, Pa.
Mills, Rev. James R., 1876, O.
Miller, Rev. R. T., 1888, Pa.
McRiley, Rev. I., 1858, Pa.
Moore, Rev. H., 1845, N. H.
Moore, Rev. H. H., 1886, Pa.
Morrison, Rev. Wm. V., 1877, Mass.
Monroe, Rev. David S., 1878, Pa.
Norcross, Rev. C. H., 1884, O.
Nesbit, Rev. S H., 1863, Pa.
Parkhurst, Rev. Charles, 1888.
Palmer, Rev. A. J., 1885, N. Y.
Peate, Rev. John, 1886.
Perrine, Rev. Matthew, 1818, N. Y.
Perry, Rev. W. E., 1886, Pa.
Petty, Rev. Asbury L., 1879, Pa.
Pierce, Rev. W. H., 1888.
Ralston, Rev. T., 1843, Ky.
Randolph, Rev. R. F., 1886, N. Y.
Ramsay, Rev. W. W., 1880, Pa.
Reddy, Rev. William, 1876, N. Y.
Slaughter, Rev. Wm. B., 1877, Neb.
Shippen, Rev. R. R., 1856, Pa.
Townsend, Rev. James G., 1883, N. Y.
Thoburn, Rev. J. M., 1870, India.
Taylor, Rev. R. T., 1871, Pa.
Vernon, Rev. Samuel M., 1875, Pa.
Wheeler, Rev. Alfred, 1869, Pa.
Wakefield, Rev. S., 1854, Pa.
Wentworth, Rev. E., 1850, N. Y.
Webster, Rev. A., 1867.

Leak, Rev. Thos. J., 1883, Pa.
Long, Rev. A. L., 1867, Constantinople.
Lochman, Rev. George, 1819, Pa.
White, Rev. Wm. R., 1886, W. Va.
Young, Rev. E. K., 1883, Iowa.

M. D.

Ackerley, Samuel, 1824, N. Y.
Bemus, Daniel, 1828, Pa.
Beck, Lewis C., 1823, N. Y.
Bibby, E. N., 1826, N. Y.
Brown, Stephen, 1824, N. Y.
Bower, Henry 1826, Pa.
Cooper, Fayette, 1826, N. Y.
Francis, H. M., 1823, N. Y.
Hitchcock, D. M., 1825, N. Y.
Lineaweaver, G. 1826, Pa.
Mish, J. B., 1826, Pa.
McLean, Hugh, 1825, N. Y.
Neilson, John, 1825, N. Y.
Schulter, Christian, 1819, Va.
Schenk, Henry, 1826, Pa.
Wield, Elias, 1820, Mass.

LL. D.

Baldwin, Henry, 1839, Pa.
Buchanan, Jas., 1836, Pa.
Clowes, Rev. S., 1821, N. Y.
Colder, C. D., 1823, N. Y.
Derickson, Hon. D., 1884, Meadville.
Elliott, Rev. Chas., 1858. O.
French, Rev. John R., 1871, N. Y.
Grier, R. C., 1842, Pa.
Goff, Milton B., 1885, Pa.
Holmes, Rev. Abial, 1822, Mass.
Jones, David L., 1846, Ind.
Kennedy, J. C. G., 1867, D. C.
Kynett, Alpha J., 1886.
Lowe, Rev. Andrew, 1820, N. Y.
Martin, Rev. A., 1878, Greencastle, Ind.
Mitchell, S. L., 1821.
Pemberton, Ebenezer, 1817, Mass.
Pintard, John, 1822, N. Y.
Ross, James, 1823, Pa.
Spofford, H. G., 1818, Pa.
Tingley, Jeremiah, 1886, Pa.
Taylor, Rev. Wm., 1826, N. Y.
Thomas, Isaiah, 1818, Mass.
Webster, Daniel, 1840, Mass.
Weeks, Jos. D., 1886, Pa.
White, J. W. F., 1870, Pa.
Winthrop, Hon. Jas., 1817, Mass.
Woods, Samuel, 1888.
Wickham, John J., 1889, Pa.

POST-GRADUATE ALUMNI.

1887.

E. P. Sprague, Ph.D.,	Auburn, New York
Jas. McNaughton, Ph.D.	

1888.

Joseph E. Wright, Ph.D.	
Hiram Kellogg, Ph.D.	
W. W. Thoburn, Ph.D.	San Jose, California
William H. Waite, Ph.D.	Bloomington, Illinois
John S. McKay, Ph.D.	Malone, N. Y.

1889.

H. V. Hotchkiss, Ph.D.	Meadville
Clifford W. Fuller, Ph.D.	Chardon, Ohio
George W. Clark, Ph.D.	Mt. Union, Ohio
Sidney G. Brock, Ph.D.	

A. M. PRO MERITO.

1889.

C. W. Fuller,	Chardon, Ohio
M. B. Griffith,	Sharon
Anson B. Curtis,	Rives Junction, Mich
H. V. Hotchkiss,	Meadville
Edward B. Heckel,	Allegheny

SUMMARY

OF STUDENTS, ALUMNI AND HONORARY DEGREES.

STUDENTS IN COLLEGE:		
Post-Graduate.	22	
Seniors,	33	
Juniors,	29	
Sophomores,	32	
Freshmen,	51	
	——	167
PREPARATORY SCHOOL:		
Third Preparatory,	39	
Second Preparatory,	45	
First Preparatory,	31	
Unclassified,	4	
	——	119
Total,		286

Regular Alumni,	866
Honorary M.A.,	86
Honorary D.D.,	85
Honorary M.D.,	16
Honorary LL.D.,	29
Post-Graduate, Ph.D.,	11
Post-Graduate, M.A.,	5
Total number of Degrees,	1098
Total number of students catalogued since 1833,	5240

CONTENTS.

	PAGE.
CALENDAR FOR 1888-'89,	4
BOARD OF TRUSTEES,	5
OFFICERS OF THE BOARD,	6
CENTENARY BOARDS,	6
JOINT BOARD OF CONTROL,	7
VISITING COMMITTEES,	7
INSTRUCTION AND GOVERNMENT,	8
OFFICERS OF THE FACULTY,	9
DESCRIPTION OF THE COLLEGE—Meadville,	10
History,	10
Grounds and Buildings,	10
Laboratories and Apparatus,	11
The Museum,	12
Library and Reading Room,	13
COURSES OF STUDY,	13
DEPARTMENTS OF INSTRUCTION,	15
ADMISSION AND CLASSIFICATION,	18
PREPARATORY INSTRUCTION,	19
THE WEEKLY HOLIDAY,	20
DEGREES,	20
MILITARY DEPARTMENT—Practical Instruction,	21
Uniform and Regulations,	21
Substitutions,	22
GENERAL INFORMATION—Religious Culture,	23
Candidates for the Ministry,	23
Expenses of Students,	24
Club Rules,	26
Self Help,	26
Expenses of Ladies,	26

GENERAL INFORMATION—Important Regulations, - - - - 27
Special Examinations, - - - 28
Number of Studies, - - - - 28
Literary Societies, - - - - 28
POST-GRADUATE DEPARTMENT, - - - - - - 29

COLLEGE COURSES.

COURSES OF STUDY—Freshman Year, - - - - - 30
Sophomore Year, - - - - - 32
Junior Year, - - - - - 31
Senior Year, - - - - - - 33
Preparatory School, - - - - 34
CONSERVATORY OF MUSIC—Conservatory Faculty, - - - - 35
General Description, - - - 36
Philharmonic Society, - - - - 36
Departments of Instruction, - - - 37
Rates of Tuition, - - - - 37
Department of Art, - - - - 38
REGISTER OF STUDENTS—Post-Graduate, - - - - - 39
Seniors, - - - - - 39
Juniors, - - - - - - 40
Sophomores, - - - - - 41
Freshmen, - - - - - - 42
Third Preparatory, - - - - 43
Second Preparatory, - - - - 44
First Preparatory, - - - - 45
Students not Classified, - - - - 46
TRIENNIAL CATALOGUE, - - - - - - - 47
SUMMARY OF STUDENTS, - - - - - - - 63

H
-90

Allegheny College,

1889-'90.

BENTLEY HALL.

SEVENTY-FOURTH YEAR.

ANNUAL

CATALOGUE

OF

ALLEGHENY COLLEGE,

FOR THE

ACADEMIC YEAR, 1889-'90.

MEADVILLE, PA.

1890:
TRIBUNE—REPUBLICAN JOB ROOMS.

ALLEGHENY COLLEGE.

BOARD OF TRUSTEES.

EX-OFFICIO.

HIS EXCELLENCY, JAMES A. BEAVER,
Governor of the Commonwealth.

HON. EDWARD M. PAXSON,
Chief Justice of the Supreme Court.

HON. WM. S. KIRKPATRICK,
Attorney General.

LAY TRUSTEES.

ALEXANDER BRADLEY,	Pittsburg
HON. B. R. COWEN,	Greensburgh
HON. G. B. DELAMATER,	Meadville
JAS. E. MCFARLAND,	Meadville
HON. S. B. DICK,	Meadville
HON. J. S. M'CALMONT,	Washington, D. C.
HON. J. W. F. WHITE,	Sewickley
JAS. D. GILL,	Meadville
HENRY K. LIST,	Wheeling, W. Va.
HON. LEWIS MILLER,	Akron, O.
HON. SAM'L. GRIFFITH,	Mercer
HON. J. F. DRAVO,	Beaver
HARVEY HENDERSON,	Allegheny
JOS. HORNE,	Pittsburg
F. P. RAY,	Meadville
WM. THOMAS,	Meadville
HON. J. J. HENDERSON,	Meadville
GEO. W. HASKINS,	Meadville

p 1797

Jno. A. Wood,	Pittsburg
Wm. Foltz,	New Castle
W. D. Patterson,	Cleveland, O.
Jos. Walton,	Pittsburg
A. L. Dunbar,	Meadville
Geo. P. Hukill,	Oil City
Jas. P. Hassler, M. D.,	Meadville
Hon. B. F. Martin,	Grafton, W. Va.
Hon. J. D. Taylor,	Cambridge, O.
Geo. H. Taylor,	Warren, O.
W. S. Morgan,	Alliance, O.
Richard M. Brown,	Youngstown, O.
J. G. Holmes,	Pittsburg
Hon. J. W. Lee,	Franklin

CLERICAL TRUSTEES.

Rev. Moses Hill,	Kalamazoo, Mich.
Rev. G. W. Clarke,	Akron, O.
Rev. W. A. Davidson,	Cleveland, O.
Rev. C. A. Holmes,	Allegheny
Rev. Jonathan Hamnett,	Meadville
Rev. J. R. Mills,	Cambridge, O.
Rev. David H. Wheeler,	Meadville
Rev. T. L. Flood,	Meadville
Rev. Jos. Horner,	Pittsburg
Rev. J. W. Miles,	Pittsburg
Rev. W. G. Williams,	Columbus, O.

OFFICERS OF THE BOARD.

Alexander Bradley,	President.
D. H. Wheeler,	Vice-President
Frank P. Ray,	Secretary
T. L. Flood,	Treasurer

CENTENARY BOARDS.

PITTSBURG CONFERENCE.

ALEXANDER BRADLEY, ... President
W. VAN KIRK, ... Secretary and Treasurer

JNO. G. HOLMES. A. C. DRAVO.
REV. M. D. LICHLITER. REV. C. E. LOCKE.
J. P. SHALLENBARGER.

ERIE CONFERENCE.

REV. T. L. FLOOD, ... President
REV. CHAS. E. HALL, ... Secretary
WM. THOMAS, ... Treasurer

REV. J. A. KUMMER. A. L. DUNBAR.
REV. JAMES CLYDE. AMBRO WHIPPLE.
HON. J. J. HENDERSON.

JOINT BOARD OF CONTROL.

REV. JAS. A. MILLER. REV. N. H. HOLMES.
REV. JAS. MECHEM. GORTON B. CHASE.
J. A. LANE. JOHN B. RITTZ.
JOSEPH L. COOPER. HON. A. M. POUNDSTONE.
REV. J. N. FRADENBURGH. HON. SAM'L. WOODS.
REV. L. H. JORDAN. REV. W. R. WHITE.
REV. W. H. HASKELL. REV. R. M. FRESHWATER.
FRANK A. ARTER. T. C. PARSONS.

VISITING COMMITTEE.

REV. J. A. BALLANTINE. M. S. MARQUIS.
REV. T. F. PERSHING. REV. J. H. HESS.
MRS. B. F. BEAZELL. J. C. BARDALL.
MRS. J. W. MILES. REV. J. H. BATES.
REV. J. B. NEFF. REV. J. B. ESPY.
REV. C. O. MEAD. REV. C. W. MINER.
REV. A. H. DOMER. MRS. T. C. PARSONS.
REV. A. N. CRAFT. MRS. F. A. ARTER.

INSTRUCTION AND GOVERNMENT.

DAVID H. WHEELER, LL. D.,

PRESIDENT,

Professor of Social Science and English Literature.

JONATHAN HAMNETT, D.D.,

LIBRARIAN.

Emeritus Professor of Philosophy.

J. H. MONTGOMERY, PH.D.,

Professor of Physics and Chemistry.

J. W. THOMAS, A.M.,

Professor of French and German.

JAMES S. TRUEMAN, PH.D.,

Bradley Professor of Greek and Latin.

J. C. FIELDS, PH.D.,

Professor of Mathematics.

SECOND LIEUTENANT J. F. KREPS, 22d Infantry, U. S. A.,

Professor of Military Science and Tactics.

WILLIAM S. TWINING, A.B., C.E.,

Professor of Civil Engineering.

W. A. ELLIOTT, A.B.,

Instructor in Greek and Latin.

J. W. SILLIMAN, C.E.,

Instructor in Civil Engineering.

GRACE I. FOSTER, A.M.,

LADY PRINCIPAL,

Instructor in History.

M. BLANCHE BEST,

Expression and Physical Training.

WILL SILING, A.B.,

Instructor in Latin.

J. S. GIBSON, A.B., A. G. FRADENBURGH, A.B.,

Tutors.

OFFICERS OF THE FACULTY.

J. H. MONTGOMERY, . Vice-President and Curator of the Museum

J. W. THOMAS, ... Secretary

W. A. ELLIOTT, . . Principal of Preparatory Department

Description of the College.

MEADVILLE.

No city in Western Pennsylvania is more advantageously situated than Meadville. It is on the main line of the N. Y. P. & O. R. R., and has an outlet to the roads of the Pennsylvania Company, and others, by the Meadville & Linesville Railway. By either of these routes Pittsburg may be reached in five hours, Cleveland in three hours, Erie in two hours, Cincinnati in twelve hours, and New York in fifteen hours. This arrangement gives easy and expeditious access to the city from the above and all intermediate points. The population of the town is above 10,000; it is an old and well established city, having cultured society and many educational influences. The city has most of the modern improvements, such as illuminating gas for buildings, electric light on the streets, and natural gas fuel.

HISTORY.

Allegheny College was organized here in 1815 by citizens of the village. In 1817 they obtained for their institution a liberal charter, and in 1820 laid the foundation of Bentley Hall. In 1833, by a contract between the Trustees and the Pittsburg Annual Conference of the Methodist Episcopal Church, the College came under the control and patronage of the Methodists of this central region. By successive divisions of the Pittsburg Conference, the control and patronage are now vested in the Pittsburg, Erie, East Ohio and West Virginia Conferences. The contract between the Conferences and the Trustees guarantees a liberal and unsectarian spirit in the management of the College, and the students always represent several religious denominations.

GROUNDS AND BUILDINGS.

The College Campus embraces thirteen acres on the north side of the town, having an elevation of two hundred feet above the river; it is well shaded with trees, and has a beautiful outlook upon the town and the adjacent hills and valleys. In natural beauty the Campus is very attractive. It is one of the most healthful places in the country. There are three large buildings belonging to and used by the College.

Bentley Hall bears the name of Rev. William Bentley, D.D., of Massachusetts, who gave his valuable library of the College. The corner stone was laid July 5th, 1820. It contains a central building, which is three stories high above the basement. The basement rooms are used for Laboratories and Shops. The stories above are devoted to Recitation rooms, Society Halls, and the office of the President of the College.

Ruter Hall, named after Rev. Martin Ruter, D.D., the second President of the College, is a substantial brick building, erected chiefly by the citizens of Meadville, in 1855. This building contains the Museums of the College, the Library, and Chapel.

Hulings Hall is a large brick edifice, erected in 1881, by Marcus Hulings, Esq., of Oil City, and the citizens of Meadville. It is used as a home for lady students, and has rooms for seventy ladies. It is about one hundred by eighty feet on the ground, and four stories in height, including the mansard roof, and is supplied with gas and water, and heated by steam.

Extensive repairs and improvements have been made on both buildings and grounds. Several thousand dollars have been expended in painting, decorating, constructing walks, etc., giving to the whole an appearance of neatness and order beyond that of many years.

LABORATORIES AND APPARATUS.

Two large rooms, each twenty by forty feet, are fitted up in the basement of Bentley Hall for Chemical Laboratories. They are furnished with water and gas, and are supplied with neat cases and a well selected cabinet of rare specimens.

These Laboratories accommodate forty students, with separate facilities for practical chemical and mineralogical study and analysis, according to the methods of the best scientific schools.

The College possesses extensive cabinets of Mineralogy and Conchology, and complete Chemical and Philosophical apparatus of the most improved forms.

The apparatus comprises many distinct pieces, affording ample means of illustrating every branch of Physics and Chemistry now taught in collegiate institutions. Among the most expensive instruments are the following: A compound Microscope, with accessories, manufactured by

Zentmayer, of Philadelphia. A Rumkorff Induction Coil, giving a twelve-inch spark, by E. S. Ritchie & Co., of Boston. A Thilorier's Apparatus, for solidifying carbonic acid. Eighteen instruments to illustrate the laws of undulations. Auzoux's largest Anatomical Models of the eye, ear, brain and larynx. Apparatus for reproducing Tyndall's experiments of heat. Two Polariscopes, with accessories. A Spectroscope with four prisms. Complete apparatus for projection, including a first-class Educational Lantern, Oxy-Hydrogen Microscope, Duboscq's apparatus for projecting polarized light. Frictional Machine. Holtz Electrical Machine. A Phonograph, etc. The optical instruments, excepting the Compound Microscope, Telescope and Astronomical Transit, were made by M. Duboscq, of Paris.

THE MUSEUM.

The Museum embraces several distinct collections of Minerals, Shells, Fossils, etc.

1. The Prescott Collection, comprising 2,200 specimens of Marine, Terrestrial and fresh water Shells, and about 3,000 specimens of Minerals and Fossils, was collected and mounted by Dr. William Prescott, of Concord, New Hampshire.

2. The Haldeman Collection has 550 excellent and carefully labeled specimens of Minerals, and about 2,000 specimens of Shells, and was purchased by S. S. Haldeman, of Columbia, Pa.

3. The Alger Collection.—This collection, made by the late Francis Alger, of Boston, contains 5,000 specimens of Minerals, remarkable for their beauty and variety. It embraces also a large number of duplicates, and a handsome suit of about 1,500 specimens of Shells.

4. Cabinet of Lithology and Palæontology.—This contains an entire series of the well-known Ward Casts, and a very comprehensive and valuable collection of Fossils and Rocks, to which additions are being made.

5. Smithsonian Collection.—In addition to several valuable collections heretofore received from the Smithsonian Institution, there has been added a suit of over 500 specimens of Land, Marine and Fresh Water shells from Panama, Vancouver's Island and the West Indies, chiefly obtained by the late Prof. C. A. Adams, and authentically labeled

by H. Cumming and Dr. P. Carpenter, from the collection of D'Orbigny & Cumming.

ENTOMOLOGICAL COLLECTION.—The Cabinet of insects embraces 3,000 species, carefully and accurately catalogued and classified. It was arranged by W. O. Currier, of Providence, Rhode Island, and donated by a friend to the College.

NATURAL HISTORY COLLECTION.—In addition to the above named collections there are about 1,000 Zoological Specimens, including Birds, Reptiles, Fish and Marine Animals, which are constantly being increased in number by the exertions of the friends of the department.

These valuable collections greatly increase the scientific advantages of the College and furnish special incentives to the study of Natural Science.

THE LIBRARY AND READING ROOM.

The College Library contains about 12,500 volumes, many of them rare and valuable works, which are accessible to all students. New energy and life have been infused into the library. Alumni and friends are invited to contribute to its enlargement.

The Library and Reading Room now occupy the whole of the third floor of Ruter Hall. Dr. Hamnett, the Librarian, gives his whole time to the Library and the students are able to make free use of books and periodicals at stated hours.

The Reading Room provides for the students periodical literature, American, English, French and German, together with Dictionaries, Encyclopædias, Atlases and other books of reference.

The Courses of Study.

The College has four courses of study, three of which lead to the degree of Bachelor of Arts, and the fourth to the degree of Civil Engineer.

THE CLASSICAL COURSE combines all the excellences of the time-honored classical course. By immemorial use it has proved its eminent value, and is worthy of the confidence and respect which a long venerated observance gives. For a full and harmonious preparation of the varied professions and employments of life, it is unexcelled. The pre-

paration required for entrance upon this course is three years of Latin, two years of Greek, Mathematics through Geometry, Physiology, Physical Geography and Natural Philosophy, and the usual amount of English and History. The student will see the conditions of admission on another page.

The Scientific Course requires the same Latin preparation as the Classical, but French will be accepted in place of Greek. In the College years, the German Language takes the place of the Freshman and the Sophomore Greek and the Sophomore Latin and is completed in the Junior year. This course opens up the treasures of Science in the Modern Languages, and by extensive laboratory practice prepares the student for further researches in Science. Young men and women looking toward chairs of Science in schools and colleges will find this course especially adapted to them.

The Course in Latin and Modern Languages requires the same preparation as the Classical, with this exception, that six terms of French are substituted for the six terms of Greek in the second and third Preparatory years. Six terms of German are substituted for six terms of Greek in the Freshman and Sophomore years. This course has been adopted in order to accommodate students who prefer to leave out the Greek entirely and give more time to the Modern Languages.

These three courses are further enlarged by the addition of elective studies.

The Course of Civil Engineering provides, first, for thorough instruction in drawing, the want of which has long been felt in the departments of Science; and, second, for the practice in industrial drawing which students fitting themselves for practical pursuits need and desire. The course in Civil Engineering is parallel to the other courses. The institution has long possessed the principal instruments for practical engineering, and the minor instruments will be procured as fast as they are needed. A practical workshop has been fitted up with steam engine, iron turning screw-cutting lathe, a wood-turning lathe, forge, benches, anvil, a set of iron-working and a set of wood-working tools, together with many other useful instruments with which to train the hands. The department is steadily gaining in patronage and importance.

This course offers distinct advantages to those who have natural fitness for Engineering studies; but it is quite uesless for a student to

attempt to become a Civil Engineer unless he has mathematical ability. Students in this course will be expected to do a great deal of work outside of the class-room; and young men who are not industrious in their habits will not succeed in mastering the course.

Of Mixing Courses.—No student will be permitted to enter upon any other course than the one he is pursuing, without permission from the faculty.

Examinations.—There will be three examinations of classes during the year. The first will be held on the last three days of the fall term; the second on the last three days of the winter term; the third will begin a week previous to commencement.

Departments of Instruction.

Philosophy and Social Science.—Instruction is given in Mental Philosophy, Logic, History of Philosophy, Constitution of the United States, Social and National Economy, Æsthetics, Moral Philosophy, International Law, Municipal Law and the Science of Language. These subjects of study will be accompanied by lectures, bearing upon certain sections of these branches. The lectures will be familiar, practical talks rather than formal discourses. The aim of the instruction and lectures will be to qualify the student to continue such studies after graduation.

Mathematics and Astronomy.—To the complete course in pure mathematics is added the application of Geometry and Trigonometry to Surveying and Engineering. Compass, Chains, Transit, Level, and all other necessary implements are furnished and practically used in the field. To these branches are devoted five recitations per week through the Freshman and Sophomore years, and in the Junior year the subject of Astronomy is pursued. In the Engineering Course much more time will be given to practical Engineering. The telescope (the gift of Hon. G. B. Delamater), is an 8-foot refractor, $7\frac{1}{2}$ inch object glass; in power capable of separating minute double stars; manufactured by A. Clark & Son, Cambridge, Mass. The Transit is a fine instrument from the hands of Stackpole Bros., New York. In addition, the College has

two sextants, a Transit with Meridian Finder, a Prismatic Compass, and other instruments essential to the Department of Engineering.

Physics and Chemistry.—The leading idea in the instruction given in these subjects is to prepare the student for independent research, upon the theory that such method affords the highest mental discipline and the most satisfactory practical knowledge. Each student, furnished with sufficient material and apparatus to enable him to do so, will pursue his own investigations under such guidance as will secure precision in method and accuracy in results. Illustrated lectures will frequently be given to make the path clear and the labor interesting and successful.

The College has complete facilities for obtaining a thorough elementary knowledge of these branches. The costly and splendid apparatus, kept up to the times by occasional additions, and the laboratories, abundantly provided with chemicals, make these studies unusually attractive and satisfactory. The course in Chemistry, including Mineralogy, requires three consecutive terms; that of Physics three additional terms; in the scientific course chemistry continues through the Junior year and consists of analysis and assaying, and applications of Physics are studied to the end of the Senior year.

Natural History.—Zoology requires the full time of one study for two terms. The work is conducted by regular recitations of five days in each week. The mode of recitation varies as the subjects presented need illustration or lecture. The use of microscopes is freely offered to all who desire to work with them; and when a naturalist is found the greatest care is given to his training. All opportunities of collections and drill are offered, and every effort is made to develop his taste for Natural History subjects. Botany is studied one term each course, and is taught by class-room drill, drawing and analysis of wild flowers. Each student will be required to prepare, carefully, a herbarium of specimens from the local flora. This gives enough practice to develop any latent natural ability for this study and lays the foundation for future work in the study of plants.

Latin and Greek.—The classical course is extensive and quite equal to that of the best colleges. It is aimed throughout to do thorough and practical work and thereby afford the requisite preparation for continued private or post-graduate study of either or both languages. Accordingly quality rather than quantity is made the great desideratum.

It is further borne in mind that in no way can languages generally, and especially the English, be better taught than in connection with the ancient classics, and to this much attention is given. The Preparatory Courses in Greek and Latin extend over three and two years respectively. Such a drill is given upon every point of Grammar that the students acquire a thorough knowledge of this subject and enter fully equipped upon the work of the College. Due attention is paid to Prose Composition. The College Courses in both Latin and Greek have been extended to three years, so as to afford larger opportunities to those students who wish to make the classics a specialty. Prose Composition, which forms so prominent a part of the Preparatory Course, is continued through the Freshman year. Judiciously selected portions of both Literatures are studied, and made to furnish a larger and more intimate acquaintance with the languages. The forms and usages of the purest and best writers are constantly kept before the minds of students, and with them are contrasted those of the earlier and later periods. In this way the students are enabled to detect readily any deviation from the classic form. The distinctive features of prose and poetry are likewise noted. ClassicalPhilology forms an integral part of the course, and lectures on the Latin and Greek Literatures together with their allied subjects, are delivered before the Freshman and Sophomore classes. An opportunity to take up the study of Sanskrit can be afforded.

Modern Languages.—It is intended that in the two years' study of French and German required, the student shall read as widely as possible in modern prose, shall study several representative classic works, and shall have a general survey of the whole literature. The ability to read easily a foreign tongue, and to understand it when spoken, are the two points specially sought. Reading at sight and translating by the ear are constantly required, and comparison of etymologies and derivations is expected to free the student from a too close bondage to dictionaries. Abstracts and paraphrases of the work read, and written translations from English, serve as a drill in French and German composition. After two terms the class exercises are conducted largely in the language studied, thus training at once the ear and tongue.

The following represents the work of the Modern Language department:

German—(1) Otto's Grammar. (2) Otto's Grammar. (3) Im Zwielicht and Otto's Grammar. (4) Freytag's Die Journalisten. (5)

Goethe's Hermann und Dorothea. (6) Schiller's Wilhelm Tell. (7) Lessing's Minna von Barnhelm. (8) Schiller's Wallenstein's Tod. (9) Goethe's Faust, part I.

German prose composition twice each week during each of the three years, the text-book for the third year being G. E. Fasnacht's "Progressive German Course, III Year."

German conversation daily from the beginning, with dictation exercises, and, in third year, letters or essays in German once a week.

French—(1) Chardenal's First French Course. (2) Chardenal's Second French Course. (3) ditto. (4) Knapp's Readings and Fasnacht's Third Year French Course. (5) ditto. (6) Moliere's Le Misanthrope and Fasnacht's Third Year French Course.

French prose composition and conversation twice weekly from the beginning.

Hebrew and Greek Testament.—Candidates for the Christian Ministry may study Hebrew one year, as an elective in the Sophomore or Junior year. It is believed that the student thus taught in Hebrew, and familiar with the Greek classics of the course, can easily fit himself by private study of the Greek Testament and second year Hebrew, to enter upon the second year in the Theological Seminary. Experience has convinced the Faculty that it is best to divide the gain of one year between the substitutions allowed by the College and the special exertions of the student in private study. The Professors of Greek and Hebrew will render such assistance as may be required by students making such private preparations.

Admission and Classification.

Students entering the Freshman Class will be examined in all Preparatory studies or their equivalents. Candidates for higher standing are examined also in the studies accomplished by the class to which they may desire admission. Certificates of High Schools and Acadamies of good standing, will be accepted in place of examinations in Preparatory studies; but the Faculty reserve the right to require Preparatory work of students who are not able to make satisfactory progress in College

classes. High School certificates should be accompanied by a record of the student's standing in the several studies.

Students coming from accredited colleges with honorable dismission, and certificates of scholarship, will present their certificates to the Professors of the several departments. Such examination will be instituted in connectlon with the certificates as the Professors in the several departments may deem necessary. In all cases students coming from other colleges must present testimonials of good moral character and standing, and a certificate of regular dismission. These should be presented at the time of application. Young men and women are admitted to the Preparatory classes without examination.

CLASSIFICATION.—The classification in the Catalogue is made in May of the last term of the college year, and gives the class rank for the year.

A student having completed the studies of the Preparatory Course, or their equivalent, and of the Freshman year, less three, can take rank as Freshman. Having completed all the above and the studies of the Sophomore, less two, he can take rank as Sophomore. Having completed all of the above and the studies of the Junior year, less one, he can take rank as a Junior.

Studies pursued in higher classes are offset against studies not pursued in the lower. If, for example, a student has pursued two Sophomore studies, they will be equivalent to any two studies not pursued in Freshman class. A study means, for purposes of classification, a term's work in any subject. There are three terms of Physics, and each term is a study for the purpose of classification, etc. When a student is dismissed at his own request, he will receive a certificate covering his work in this College.

Preparatory Instruction.

To supply the demand for a systematic and thorough course of study adapted to the preparation of pupils for entrance to College without loss of time, there is in connection with the institution a Preparatory Department. The course requires three years' work, and will compare favorably with any similar school east or west. This Department is under the direct superintendence of the President and Faculty of the

College. It is believed that no better advantages for a thorough and direct preparation for College can be obtained anywhere than are offered here.

Students who are nearly ready to enter College, prepared in some studies and behind in others, will usually gain time by availing themselves of the privilege of pursuing some studies in the Preparatory Department and others in the College. A whole year is often saved in this way.

All students entering the Preparatory Department should bring letters from pastors or parents, and certificates from their teachers concerning proficiency and standing, and present the same to the President. Parents and guardians are furnished with monthly statements of the conduct and class standing of students in this Department.

The Weekly Holiday.

The sessions of the College are held on Tuesdays, Wednesdays, Thursdays, Fridays and Saturdays, leaving Monday instead of Saturday for rest. This plan has been in use for the past four years, and is greatly preferred by teachers and students. It is adapted to the wants of students in towns adjacent to Meadville—within forty or fifty miles—who desire to spend Sunday at home. The railroads furnish mileage tickets at reduced rates, and the clubs make a deduction for absence from the boarding tables. The cost of spending Sunday at home is in this way made small. This plan is commended to the attention of parents who may be so situated as to be able to avail themselves of its obvious advantages.

Degrees.

The degree of Bachelor of Arts is conferred upon those who complete, in a satisfactory manner, either of the three courses, Classical, Scientific, Latin and Modern Languages.

The degree of Civil Engineer is conferred upon those who complete the engineering course.

The degree of Master of Arts may be conferred in course on every Bachelor of Arts of three years' standing, who has been engaged since his graduation in some literary occupation, and has sustained a good moral character. Applications should be made to the President as early as the first day of June, accompanied by the usual fee of five dollars.

The Master's degree may also be conferred, *pro merito*, one year after graduation upon any Bachelor of Arts who completes the studies of the first year of any of the post-graduates courses and complies with the conditions prescribed in the post-graduate circular.

The degree of Doctor of Philosophy is conferred upon graduates of colleges who pass satisfactory examinations in the studies prescribed for this degree.

Military Department.

For the purpose of Tactical instruction, male students of lower grade than Junior (unless excused at the request of parents or guardians) are organized into a battalion of four companies designated "A," "B," "C," and "D" Companies, Allegheny College Corps of Cadets.

The staff consists of—one First Lieutenant and Adjutant, one First Lieutenant and Quartermaster, one Sergeant-Major, one Quartermaster-Sergeant, two Principal Musicians. The drum corps will consist of eight drummers.

Each Company is composed of one-fourth of the total number of Cadets belonging to the battalion, excepting the staff, and having the company officers, non-commissioned officers and musicians, each—one Captain, one First Lieutenant, one Second Lieutenant, one First Sergeant, two Sergeants, four Corporals, two Musicians (drummers). These officers are appointed by the Faculty of the College.

Practical Instruction.—The practical instruction in this Department consists of drills of three hours in each week. The Cadets are exercised and instructed during the year in the Infantry Tactics of the U. S. Army, comprising the School of the Soldier, with bayonent exercise and target practice; the School of the Company, comprising Company movements, in double and single rank formation, and instruction in skirmishing; the School for the Battalion; and in all ceremonies, forms

or parade, and reviews and honors to be paid by troops. Instruction in Artillery is given in the School of the Soldier Dismounted, Manual of Piece, Mechanical Manœuvers, and the School of the Battery Dismounted. Breech-loading rifles and accoutrements, and six-pounder brass guns, with all the necessary ammunition, are supplied by the Ordnance Department, U. S. Army. Fresh ammunition is supplied as fast as that on hand is expended in practice. Instruction is given in fencing and target practice.

Uniform and Regulations.—The uniform is required to be worn on all drills, parades, and other military duties. The cost of the whole suit is between twenty and twenty-five dollars. The uniform of the Corps of Cadets will be as follows: Forage Cap, chasseur pattern, of dark blue cloth, with ornaments, consisting of gold embroidered wreath, on a dark blue ground, encircling the letters A. C. in silver, old English characters. A Sack Coat of dark blue cloth, falling collar, buttoning close in the throat, single-breasted, with five cadet gilt buttons in front, three small buttons on sleeve; the skirt to extend from $\frac{1}{4}$ to $\frac{1}{3}$ the distance from the hip joint to the bend of the knee. The coat is to be the same pattern as that worn by United States Army officers. Trowsers of the same material as the coat, with gold cord down the outer seam. Gloves, white Berlin or lisle thread. The insignia of rank for officers the same as for Infantry officers in the United States Army, except that shoulder strap has blue instead of white field. Chevrons for non-commissioned officers to be one-quarter inch gold lace, on ground of sky-blue facing cloth, West Point pattern. Gold stars for color-guard, of the pattern in the College. All cadets who have served one year in the corps are permitted to wear upon the sleeves, below the elbow, a diagonal half chevron of gold lace, one-quarter inch wide, and an additional half chevron above and parallel to the first, for each subsequent year of service.

Substitutions.—Cadets taking military instruction are permitted to substitute such instruction for one study in each of two years. After two years no substitutions will be allowed. The substitute studies are: General History, Modern History, History of Philosophy, and Advanced Rhetoric. If a cadet has pursued all of these studies and desires to make a choice of other studies, he will make written application to the Faculty. In every case the military instruction must be certified by the

professor in charge of the Department before the substitutions are confirmed by the Faculty.

The attention of parents and guardians is called to the importance and value of this Department. While its first object is to instruct the student in the fundamental principles of Military art, it also gives a mental and physical training which should strongly recommend its advantages to those responsible for the education of young men. The Department is conducted on the "honor" basis, a student's word being held sufficient in all cases where he has not shown himself unworthy of trust.

The time required for military exercises is short, interfering in no way with tne students' other work. Drill hours are in the afternoon after the close of recitations.

General Information.

Religious Culture.—The College was founded by Christian men for the promotion of Christian culture. It believes that education should always include, as its highest aim, the development of Christian character. It seeks to surround the student with such influences and helps as foster the religious life. Chapel services are held mornings in Ruter Hall, and all students are required to be present. Regular attendance on Sunday mornings at some church (selected by the student or his parents) is also required. A general prayer meeting is held Tuesday evening of each week, lasting one hour, from 7 to 8 o'clock. This meeting is attended by a very large number of the students and by the members of the Faculty. Its results are manifest in the quickening and strengthening of many in the religious life. Class prayer meetings, under the care of the Y. M. C. A. of the College, are held by the several class organizations on Saturday morning of each week, in the rooms of Bentley Hall. In this way the members of each class are brought together in religious association, and become interested in one another's religious welfare.

The Students' Y. M. C. A. also holds a meeting in the college every Sunday, from 6 to 7 o'clock p. m., and besides, they conduct religious services weekly, in the County Jail, and in several places in the city and

surrounding region. There is also among the young ladies at Hulings Hall a Young Women's Christian Association, whose work is attended with excellent results.

Candidates for the Ministry.—The college has educated a large number of ministers, and more than fifty candidates for the ministry are now in its classes. Arrangements are made to give such students as much of a special education as is consistent with the obtaining of a general education. After a solid foundation of disciplinary study has been laid, special study can be made useful; without the foundation the house will be built in vain. Some of the candidates for the ministry are employed in the pulpits of the adjacent country, and are supported by the churches in whole, or part, while pursuing their studies. To a limited extent, the president is able to make loans without interest to promising candidates for the ministry. Loans have been made this way to about thirty students during the present year. It is belived that a mature young man can safely and prudently contract a small debt to complete his education. But it is of the first importance that the candidates for the Christian ministry receiving such loans should regard them as debts of honor and conscience. The College does not desire, by means of such loans, to impair the financial integrity of Christian ministers. On the other hand, a candidate for the ministry need have no hesitation about doing business on a business footing with the loan fund societies. In no case, however, will more than one-half of a young minister's annual expense be loaned to him. The candidates for the ministry are organized into a society, which holds regular meetings for the study of homiletics and related subjects. At these meetings lectures are delivered by the members of the Faculty and other ministers. During the past year the society has held meetings semi-monthly in Bentley Hall. The subjects discussed have been of a practical and spiritual character, and with a view to inspire the members and help them in the direction of their contemplated calling.

Expenses of Students.—All students pay a term fee of $12 a term. The College does not board students. It supplies the facilities for the Hulings Hall Club, and it rents the rooms of that hall to ladies on terms which are stated on a subsequent page. The Faculty render all possible aid to students in securing comfortable homes. New students are advised to consult the President before engaging rooms.

Students must furnish the President with the Treasurer's receipt, and register their names at the President's office. They will then be given a written permission to enter classes. No student will be received in classes without the President's permission and this permission will not be granted until the term fee has been paid.

In the Laboratory first year students in Chemistry pay $1.00 each a term for use of chemicals and apparatus, and second year students pay $2.50 each.

A fee of $5.00 is paid by every person receiving a degree from the College.

One of the curiosities of the correspondence of a college is that its intending patrons almost invariably ask to be informed about the rates for tuition, but very seldom ask the cost of living. The tuition is never more than one-third of the necessary expenses of a student, and the cost of living is the large and important item. Not satisfied with reducing the College charges to less than one-third of the usual rates in colleges of the first rank, the authorities of Allegheny College have endeavored to effect a large reduction in the cost of living. At one time—in the days of the "oil speculation"—this reduction had to be secured by providing a large dormitory building. When East Hall burned down in 1883, the speculative era had passed, and it was found that there was plenty of room for young men, at moderate cost, in private families where they may have the influences of a home-life. Good furnished rooms cost each occupant about fifty cents a week, and these rooms are taken care of by the owners and not by the students. On these terms the city has room for at least five hundred students. It would not be possible for the College to do better than this for its students; and experience proves that herding young men in barracks is not the best way to secure their moral culture.

The young men of the College may board in clubs or in private families; the latter costing about one-third more than the former. A club is simply an arrangement to divide the cost of table board among the boarders. It is a boarding house conducted on the co-operative principle. Provisions are bought at a discount, and expense is saved by increasing the number of boarders. The club is managed by a commissary, who receives and pays the money, makes all purchases and employs the help. For this service he receives a small weekly payment from each member of the club. The commissary is always a student,

and several students work their way through college as commissaries. The cost of good table board is in this way reduced to from $2.00 to $2.25 per week. The estimate for the necessary expenses of a student of either sex is based upon good club board, and is as follows for a term of twelve weeks:

Room Rent, Fuel and Lights, from		$10.00 to	$18.00
Table Board,	"	24.00 "	30.00
Books,	"	3.00 "	7.00
Term Fee,	"	12.00 "	12.00
Total,	"	$49.00 "	$67.00

To this must be added personal laundry and a small annual expense in the literary society to which the student belongs. Fifty-five dollars per term is believed to be sufficient to cover the necessary expenses. The unnecessary expenses for sweetmeats, oyster suppers, concerts, etc., may be indefinitely greater. But an economical student can live on $55 a term, and suffer no social disparagement. The only caste in the College is based on good conduct and good work. The cost of books varies in different terms; but the average cost per year will not exceed $15.

Club Rules.—The club commissaries of the College have agreed upon the following rules:

1. Every member of the club must deposit $10 when he enters the club, and at the opening of every term.

2. Each member must also pay at the end of the first and second months of each term the full amount of his share of the expenses for each month.

3. The deposit of $10 will be applied as far as may be needed to the expenses of the third month of the term.

These regulations are necessary to enable the commissaries to buy advantageously for cash, and to relieve all members of all risks from bad debts. There are no profits; therefore there can be no losses. A student dismissed from one club for slackness in meeting his obligations will not be admitted to any other. The club system is worth at least forty dollars a year to each student. It is therefore to the interest of all to support the system by prompt payment.

Self Help.—Young men help themselves in several ways. About twenty of the present students are paying their expenses in whole or in part. There are ten or twelve employed in light work connected with College or the boarding clubs. Others are serving churches in the

neighborhood of Meadville. It is the policy of the College to help students to help themselves, and at the same time to keep the expenses as low as is consistent with comfort and health. As a rule, a student should have at least $100 in hand, or in prospect, when he enters; if he has pluck, health and studious habits, he will usually be able to go through College.

EXPENSES OF LADIES.—The expenses of ladies are about the same as those of gentlemen. They pay in Hulings Hall for furnished rooms, heat and light, about the same rate as gentlemen pay in private houses. Each should bring with her the following articles: Sheets, pillow cases and bed-covering; towels, napkins, knife, fork and spoons. The rooms are furnished with beds, mattresses, pillows, chairs and tables.

The Hall is in charge of a lady principal, under the direction of the Faculty. The building will be kept in good condition, and all required additions made to the furniture and carpets.

It is believed that the sanitary condition of the building is perfect.

The young ladies pay room rent directly to the Treasurer of the College at the beginning of each term, at the following rates:—In the main corridors: If two occupy a room, each will pay $8 a term in front rooms, and $7 in rear rooms of the first and second floors; if one has a room exclusively she will pay double rent. In the rear corridors: Two in a room, each will pay $5 a term; if one has a room exclusively, she will pay $8 a term. On the third floor each student will pay one dollar less than on lower floors.

The average cost of table board, heat and light during the present year, has been about $3.30 per week. Gentlemen are admitted to the Hulings Hall tables. They have a separate entrance and waiting-room, and as boarders the ladies and gentlemen meet only in the dining-room. The other regulations for the visits of gentlemen at the Hall are simply those of respectable families. There are proper hours for calling and visiting in the parlors of the hall, and in respect to all social matters, the Lady Principal will carry out the instructions of the parents of the young ladies. Not the smallest trouble has ever arisen in the College out of the association of the two sexes. Probably no institution in the country has been so perfectly free from any approach to scandal; yet our young ladies are allowed the freedom which they would have at home. Whatever would be unladylike is forbidden; whatever prudent and affectionate parents permit is allowed. Ladies not living at home

must live in Hulings Hall except when granted special permission by the Faculty to board elsewhere. The College will not, however, assume any responsibility for ladies not placed under its care in Hulings Hall.

Important Regulations.—The President does not excuse any student from any duties in his class. Those who wish to leave town must obtain the permission of the President. They must also obtain the assent of the instructors of their several classes. When special requests are made to the President they are understood to be made to the Faculty; and the proper form of such requests is a written application for the desired excuse or favor, and this written request should set forth plainly the reasons for it.

Special Examinations.—Students desiring special examinations are required to make application for the same at least one month before such desired examination, and no student will be allowed more than three special examinations in one year.

Number of Studies.—Every student must have not less than three studies. No student can take more than four studies without the special permission of the faculty upon written request. This request will generally be refused; very few students are able to pursue more than four studies at one time. The effort to study five or six impairs scholarship in all. It is better not to graduate than to do so on the cramming system.

Literary Societies.—There are three Literary Societies: The Allegheny, Philo-Franklin, Ossoli (the ladies' society). The Societies have their respective halls and libraries. The libraries contain about 3,000 volumes. The societies hold public literary exercises and prize contests in the Chapel. These societies render the College efficient service in the literary and forensic training of students, and the society friendships are invaluable to their members. The regular meetings are held on Friday evenings.

The College Courses.

ADMISSION.—Candidates for admission to the Freshman Class are required to pass a satisfactory examination in the following subjects:

LATIN.	Latin Grammar including Prosody—Allen & Greenough. Latin Prose Composition. Cæsar—Four Books. Sallust—Catilinarian War, or Allen's Latin Selections. Cicero—Eight Orations. Virgil—Six Books of Æneid.
GREEK.	Greek Grammar—Goodwin's preferred. Xenophon—Anabasis, seven books complete and *or* Prose Composition.
FRENCH.	Two years for the Latin and Modern Language Course. For the Scientific Course two years of French will be accepted in place of Greek.
MATHEMATICS.	Arithmetic. Algebra—Wentworth. Geometry—Newcomb.
HISTORY.	United States History, Johnston's Outlines. History of the World, History of Greece, Rome and England, as much as is found in Meyer's General History.
ENGLISH.	English Grammar. English Literature. Rhetoric—Clark. Civil Government—Macey.
SCIENCE.	Physiology—Walker. Physical Geography—Maury. Natural Philosophy—Gage.

Students who are deficient in some studies and feel that they are able to make them up, may be classed as Freshmen, conditionally.

Works of equal grade will be accepted in place of those named.

The following subjects are required for admission to the Freshman class of the Engineering Course: Two years of Latin or French, Arithmetic, Algebra, Geometry (plane and solid), Physiology, Physical Geography, Natural Philosophy, Botany, English Grammar, United States History and Descriptive Geography.

COURSES OF STUDY--FRESHMAN YEAR.

NOTE.—Studies not marked elective are required ; but a sufficient number must be elected to make twenty exercises a week throughout the Freshman and Sophomore years. The Arabic numerals denote the number of recitations a week.

	CLASSICAL.	SCIENTIFIC.	LATIN AND MODERN LANGUAGES.	CIVIL ENGINEERING.
FIRST TERM.	Livy—Book XXI. 5 Homer's Iliad. 5 Solid and Spherical Geometry. } 5 Original Propositions in Geom. } 5 Application of Algebra to Geom. } 5 Geometric Conic Sections. } 5 Zoology I. 5	Livy—Book XXI. 5 German I. 5 Solid and Spherical Geometry reviewed. } 5 Original Propositions in Geom. } 5 Application of Algebra to Geom. } 5 Geometric Conic Sections. } 5 Zoology I. 5	Livy—Book XXI. 5 German I. 5 Solid and Spherical Geometry reviewed. } 5 Original Propositions in Geom. } 5 Application of Algebra to Geom. } 5 Geometric Conic Sections. } 5 Zoology I. 5	Drawing—Free Hand. 5 German I. 5 Solid and Spherical Geometry reviewed. } 5 Original Propositions in Geom. } 5 Application of Algebra to Geom. } 5 Geometric Conic Sections. } 5 Zoology I. 5
SECOND TERM.	Horace—Odes. 5. Homer's Iliad and Thucydides. 5 Logarithms—Plane Trigonometry. 5 Zoology II. 5	Horace—Odes. 5 German II. 5 Logarithms-Plane Trigonometry. 5 Zoology II 5	Horace—Odes. 5 German II. 5 Logarithms-Plane, Trigonometry. 5 Zoology II. 5	Geometrical Drawing. 5 German II. 5 Logarithms--Plane Trigonometry. 5 Zoology II. 5
THIRD TERM.	Horace—Ars Poetica and Satires. 5 Thucydides. 5 Spherical Trigonometry or Surveying. 5. Botany. 5	Horace—Ars Poetica and Satires. 5 German III. 5 Spherical Trigonometry or Surveying. 5 Botany. 5	Horace—Ars Poetica and Satires. 5 German III. 5 Spherical Trigonometry or Surveying. 5 Botany. 5	Descriptive Geometry. 5 German III. 5 Spherical Trigonometry. 5 Surveying. 5

COURSES OF STUDY--Sophomore Year.

	CLASSICAL.	SCIENTIFIC.	LATIN AND MODERN LANGUAGES	CIVIL ENGINEERING
FIRST TERM.	Chemistry. 5 ELECTIVES. Tacitus—Germania and Agricola. 5 Analytical Geometry. 5 Plato—Apology and Crito. 5 German I. 5 Hebrew I. 5	Chemistry. 5 German IV. 5 Analytical Geometry. 5 Botany. 5	Chemistry. 5 Tacitus---Germania and Agricola. 5 German IV. 5 Analytical Geometry. 5	Descriptive Geometry and Projections. Analytical Geometry. 5 Chemistry. 5 German IV. 5
SECOND TERM.	Chemistry. 5 ELECTIVES. Quintilian 5 Analytical Geometry (completed). 5 Sophocles and Euripides. 5. German II. 5 Hebrew II. 5	Chemistry. 5 German V. 5 Analytical Geometry. 5 Biology. 5	Chemistry. 5 Quintilian. 5 German V. 5 Analytical Geometry. 5	Machine Drawing. 5 Analytical Geometry. 5 Chemistry and Mineralogy. 5 German V. 5
THIRD TERM.	Chemistry and Mineralogy. 5 ELECTIVES. Juvenal. 5 Differential Calculus 5 Demosthenes. 5 Hebrew III. 5 German III. 5	Chemistry and Mineralogy. 5 German VI. 5 Differential Calculus. 5 Microscopy. 5	Chemistry and Mineralogy. 5 Juvenal. 5 German VI. 5 Differental Calculus. 5	Machine Drawing. 5 Differential Calculus. 5 Chemistry and Mineralogy. 5 German VI. 5

COURSES OF STUDY--Junior Year.

An Average of Eighteen Exercises a Week Required. Students who omit Sophomore Mathematics must take Junior German.

	Classical.	Scientific.	Latin and Modern Languages.	Civil Engineering.
FIRST TERM.	Physics. 5 Advanced Rhetoric. 3 Civil Liberty. 3 ELECTIVES. German IV. 5 Terence Adelphi. 2 Aeschylus - Prometheus Vinctus. 2 Mediæval History. 3 Integral Calculus. 3	Physics. 5 Chemistry--Quan. and Qual. 3 ELECTIVES. Integral Calculus. 3 Advanced Rhetoric. 3 German VII. 5 Civil Liberty. 3 Mediæval History. 3	Physics. 5 Advanced Rhetoric. 3 ELECTIVES. Civil Liberty. 3 German VII. 5 Mediæval History. 3 Integral Calculus. 3 Chemistry Quan. and Qual. 3 Terence—Adelphi.	Physics. 5 Practical Surveying. 5 Drawing--Shades, Shadows and Perspective. 5 Chemistry---Quan. and Qual. 3
SECOND TERM.	Physics. 5 Evidences of Christianity. 2 ELECTIVES. Modern History. 3 German V. 5 English Philology. 3 Plautus—Trinummus. 2 Plato—Protagoras. 2	Physics. 5 Chemistry—Quan. and Qual. 3 Evidences of Christianity. 2 ELECTIVES German VIII. 5 Modern History. 3 English Philology. 3	Physics. 5 Evidences of Christianity. 2 ELECTIVES. German VIII. 5 Modern History. 3 English Philololgy. 3 Plautus—Trinummus. 2 Chemistry- Quan. and Qual. 3	Physics. 5 Civil Engineering. 5 Topographical Drawing. 5 Chemistry---Qual. and Quan. 3
THIRD TERM.	Physics. 5 History of Civilization. 3 ELECTIVES. Astronomy. 5 Shakespeare. 2 German VI. 5 Cicero- De Oratore. 2 Aristophanes—The Clouds. 2	Physics. 5 Astronomy. 5 Chemistry—Assaying. 3 ELECTIVES. German IX. 5 History of Civilization. 3 Shakespeare. 2	Physics. 5 History of Civilization. 3 ELECTIVES. German IX. 5 Astronomy. 5 Shakespeare. 2 Cicero—De Oratore. 2 Chemistry---Assaying. 3	Physics. 5 Railroad Engineering. 5 Topographical Drawing. 5 Chemistry---Assaying. 3

COURSES OF STUDY--Senior Year.

All studies are required.

	CLASSICAL.	SCIENTIFIC.	LATIN AND MODERN LANGUAGES.	CVIL ENGINEERING.
FIRST TERM.	Metaphysics. 5 Bible Study. 3 English Literature. 2 Constitutional Law. 2 Geology. 4	Metaphysics. 5 Advanced Physics. 3 English Literature. 2 Constitutional Law. 2 Geology. 4	Metaphysics. 5 Bible Study. 3 English Literature. 2 Constitutional Law. 2 Geology. 4	Geology. 4 Bridges and Roofs. 5 Advanced Physics. 3 Integral Calculus. 3
SECOND TERM.	Geology. 3 Political Economy. 3 Metaphysics and History of Philosophy. 3 English Literature. 2 Municipal Law. 2 Logic. 3	Geology. 3 Political Economy. 3 Metaphysics and History of Philosophy. 3 Advanced Physics. 3 Municipal Law. 2 Logic. 3	Geology. 3 Political Economy. 3 Metaphysics and History of Philosophy. 3 English Literature. 2 Municipal Law. 2 Logic. 3	Geology. 3 Advanced Physics. 3 Analytical Mechanics. 5 Bridges and Roofs. 3. Logic. 3
THIRD TERM.	Moral Philosophy. 3 International Law. 2 Political Economy. 3 Science of Language. 2 American Literature. 2 Aesthetics. 4	Moral Philosophy. 3 International Law. 2 Political Economy. 3 Advanced Physics. 3 Aesthetics. 4 American Literature. 2	Moral Philosophy. 3 International Law. 2 Political Economy. 3 Science of Language. 2 American Literature. 2 Aesthetics. 4	Advanced Physics. 3 Astronomy. 5 Architecture. 5 Strength and Resistance of Materials. 2

PREPARATORY SCHOOL.—Courses of Study.

NOTE.—Classical students will take Greek, Latin and Modern Language students will take French, and Scientific students will take either Greek or French. In the Latin and Modern Language Course, an equivalent amount of Music, certified to by the Director of the Conservatory, will be accepted in place of certain studies to be designated by the Faculty. Six English Essays are required of every student each year.

	FIRST YEAR.	SECOND YEAR.	THIRD YEAR.
FIRST TERM.	Latin Grammar and Lessons. Arithmetic. English Grammar and Composition. Physiology.	Cæsar and Latin Composition. Algebra I. Natural Philosophy. Greek I. or French I.	Cicero and Latin Composition. Advanced Algebra and Elementary Determinants. Elementary Rhetoric. Anabasis and Greek Composition or French IV.
SECOND TERM.	Latin Grammar and Lessons. Complete Arithmetic. English Grammar and Composition. United States History.	Sallust and Latin Composition. Algebra II. General History. Greek II. or French II.	Virgil and Mythology. Plane Geometry. English Literature. ~~Anabasis and Greek Composition or French V.~~
THIRD TERM.	Cæsar and Latin Composition. Complete Arithmetic. United States History and Civil Government. Physical Geography.	Cicero and Latin Composition. Algebra III. General History. Anabasis and Greek Composition or French III.	Virgil and Mythology. Solid and Spherical Geometry. English Literature. ~~Xenophon or Lysias or French VI.~~

Register of Students.

POST-GRADUATE.

NAME.	RESIDENCE.
Allison, Thomas B., (4)	Ebensburg
Baker, William A., (8)	Clark's Mills
Benham, Geo. A., (1)	Troy, N. Y.
Crouch, John M., (4)	Townville
Curtis, Anson Bartie, (4)	Big Rapids, Mich.
Dryden, M. F., (4)	Wheeling, West Va.
Fradenburgh, Lillian F., (2)	Warren
Gallup, Wm. H., (2)	Youngstown, Ohio
Grote, Charles A., (7)	Greenboro, Alabama
Griffith, M. Bryant, (4)	Sharon
Heckel, Edward B., M. D., (5)	Allegheny City
Hess, J. Henry, (8)	Grafton, West Va.
Miles. Joseph W., (4)	Pittsburg
Mitchell, Walter, (4)	Wellsburg, West Va.
Mitchell, C. B., (8)	Plainfield, N. J.
Murray, W. P., (2)	Little Valley, N. Y.
O'Connor, David C., (1)	Lincoln, Neb.
Parsons, J. Arnold, (1).	Saegertown, Pa.
Petty, James Taylor, (1)	Beaver
Prather, Silas Hancox, (8)	Ellington, New York
Reynolds, Grafton, T., (8)	Mansfield Valley
Reitze, Harriott, (3)	Meadville
Scherer, Melancton, G. G., (8)	Grafton, West Wa.
Strayer, J. P., (6)	Cambridgeboro, Pa.
Strayer, Mary J., (6)	Cambridgeboro, Pa.
Sturdevant, James W., (1)	Meadville
Wood, Emory M., (5)	Baldwin City, Kan.

The figures refer to Courses of Study, as follows: (1) Political and Social Science. (2) English Language and Literature. (3) Mathematics. (4) Mental and Moral Science. (5) Physics and Chemistry. (6) History. (7) French and German. (8) Theism and Christianity.

Students whose names are followed by (E) are in the Civil Engineering Course. The others are in A. B. Courses.

SENIORS.

Anderson, J. Robert,	Jamestown, N. Y.
Baldwin, Lee A., (E.)	Kinsman, O.
Barrett, Harry M.,	Titusville
Bullock, Fred. Lucas,	New Castle
Carr, Alvah Lemuel, (E.)	Mosiertown
Chesbro, Ellen,	Sheridan, N. Y.
Clark, Helen A.,	Union City
Collins, Frank Alonzo,	Espyville
Crowthers, Robert Coulter,	Wood's Run
Deming, William C.,	Mount Olivet, Ky.
Dice, Frank,	Akron, O.
Dobson, John Milton,	Erie
Dunkle, Valentine F.,	Meadville
Elliott, Robert W.,	Gustavus, O.
Espy, Harry Boyd,	Erie
Fradenburg, Adelbert G.,	Warren
Gageby, Frank L., (E.)	Greensburg, Ind.
Gibson, James Stewart,	Meadville
Hawk, Charles Barnes,	West Middlesex
Hawk, John Bunyan,	Sharpsville
Heiser, William G.,	Maysville, Ky.
Hersperger, Edward A.,	Pittsburg
Hood, James Earl,	Miller's Station
Johnson, William W.,	West Middlesex
Manning, Cassius R.,	Santa Barbara, Cal.
Marquis, Samuel Simpson,	Sharon, O.
Mattern, Edwin LaFayette,	Huntingdon
McClure, Charles Noble,	Sharon
Morrison, Thomas M.,	Edinboro
Newkirk, Charles E.,	West Middlesex
Pickett, Lucy,	Meadville
Phillips, Gamaliel Wilson,	Meadville
Porter, John L.,	Meadville
Rigg, Mark Allison,	Wilkinsburg
Russell, Fred A.,	West Middlesex
Siling, Will Lester,	Greensburg, Ind.
Stenger, William Henry,	Greenville

Stubbs, Francis Gurney,	Chicago, Ill.
Sweeney, Martin Joseph,	Kane
Varner, Weldon P.,	Salem, W. Va.
White, Lorell Erastus,	Conneautville
Work, Fred Raymond,	Meadville

JUNIORS.

Byers, Henry Booth,	Cooperstown
Couse, Howard A.,	Tidioute
Echols, Monroe Justice,	Fredonia
Ehrenfeld, James Gilbert, (E.)	Gallitzin
Freeman, Charles C.,	Espyville
Household, Gertrude Vina,	West Newton
Howe, Charles L.,	Meadville
Jewell, Charles Sherman,	Ravenna, O.
Knox, John Ahmed, (E.)	Alverado, Tex.
McClelland, Alvin Oren,	Thornhill
Miller, Edward Everett,	DuBois
Mount, Carrie Frances,	Oil City
Patterson, Presley C.,	Cambridge, O.
Porter, William Edgar,	Meadville
Ross, Clarence F.,	Mill Village
Slavin, J. Birnie, (E.)	Meadville
Warner, Mary,	Meadville
Whitfield, Horner David,	Pittsburg
Wisman, John Poe,	Ravenna, O.
Wood, Simpson Homer,	Pittsburg
Youngson, William Wallace,	Pittsburg

SOPHOMORES.

Adams, Robert Thomson,	Porter
Black, Frank Willis,	Bruin
Brown, Manley O.,	Greenville
Burgess, Alfred Samuel, (E.)	Meadville
Coder, Anna,	Meadville
Corey, George Washington,	North East
Foster, May,	Meadville
Eagleson, D. Harold,	Meadville
Fox, Robert F., (E.)	Meadville

Gibson, John Arthur,	Blooming Valley
Griffin, William B.,	Franklin
Gundy, Fred,	West Middlesex
Johnson, Harry P.,	Blairsville
Kepler, Maude,	Meadville
Oswalt, B. Frank,	Garrettsville, O.
Metcalf, Ben H.,	Meadville
Peffer, C. Alberti,	Covode
Pickett, Will A.,	Meadville
Ray, George S.,	Meadville
Reisinger, Paul A.,	Meadville
Shyrock, George A.,	Meadville
Simons, DeForest,	Upper Alton, Ill.
Sisley, Frank Harvey,	Meadville
Talman, Leon,	Meadville
Trumper, Fred, (E.)	Meadville
West, Ferd D.,	Meadville

FRESHMEN.

Allen, Sara L.,	Meadville
Apple, Hugh L.,	Meadville
Babcock, Fred W., (E.)	Meadville
Barron, Walter George,	New Lexington
Barrows, William G.,	Chardon, O.
Bates, Alfred J.,	Meadville
Bird, George W.	Wilkesbarre
Cattern, Fred,	Saegertown
Chesbro, Ellis J.,	Sheridan, N. Y.
Cotton, Harry A.,	Meadville
Cummings, Birdie Evelyn,	Geneva
Daniels, Warren S.,	Meadville
Danforth, John L.,	Warren
Davis, George S., (E.)	Meadville
Davis, Virginia,	Kingsville, O.
Diffin, Harriet A.,	Meadville
Dorworth, Hugh C., (E.)	Oil City
Dunn, Anna	Meadville
Eagleson, Norbert M.,	Meadville
Edson, Julia A.,	Meadville

Eighmy, Lee W., (E.) . . . . Springboro
Falconer, Archie D., ... Jamestown, N. Y.
Farrell, Tracy C., ... Meadville
Frey, Jean M., ... Meadville
Graham, May T., ... Meadville
Grant, Georgia C., ... Willoughby, O.
Harper, Edgar P., ... North Hope
Harper, Florence, ... Meadville
Hassler, Anna Belle, ... Meadville
Hatch, P. Luther, ... Union City
Heydrick, Benjamin A., ... Carlton
Howard, Clara B., ... Chardon, O.
Hull, Lulu, ... Corry
Johnson, Charles Harmany, (E.) . . . New Castle
Lytle, Edgar F., ... Meadville
Leffingwell, Wallace C., ... Kinsman, O.
Liebendorfer, Henry F., ... Beaver Falls
Lord, Robert H., ... Prattsburg, N. Y.
Luse, Charles H., ... Carmichaels
McBride, John Lewis, ... Seneca
McKinney, Horace, ... Meadville
Merchant, Willis J., ... Franklin
Minniss, George S., (E.) . . . . . Bradford
Nickerson, Elmer S., ... Hadley
Palmer, Frederick, ... Jamestown, N. Y.
Patchin, Harry R., ... Chardon, O.
Quay, William H., ... Meadville
Rand, Herbert W., (E.) . . . . . Oil City
Scofield, William H., ... Hartfield, N. Y.
Seamans, Arthur E., (E.) . . . . . Factoryville
Shatto, Charles A., ... Brookfield, O.
Snyder, Byron, ... North Bloomfield, O.
Starr, David L., ... Bellevue
Tate, John P., ... Meadville
Temple, Laura, ... Warsaw
Thrasher, Basha E., ... Chardon, O.
Watson, R. Belle, ... New Castle
Whitfield, William H., (E.) . . . . . Pittsburg
Zinck, Carl J. C., (E.) . . . . . Meadville

THIRD PREPARATORY.

Bascom, Elva,	Meadville
Berlin, William C. K.,	Franklin
Blackmarr, Frank H.,	Jamestown, N. Y.
Brubach, Alfred T., (E.)	Emsworth
Byerley, Minnie,	Sharon
Calvin, Arthur,	Meadville
Campbell, James W., (E.)	Kane
Clare, Herbert H.,	Dunkirk, N. Y.
Conway, Otis E.,	Jamestown, N. Y.
Crawford, Edna,	Wampum
Critchlow, Harry H..	Kiester
Davis, Alden O.,	Coal Center
Dickey, Clinton M.,	Hartstown
Douds, William S.,	Calvin's Corners
Edwards, Jessie,	Orangeville, O.
Freeman, Henry, (E.)	Espyville
Frisby, Ida M.,	Meadville
Gelvin, Leida M.,	Meadville
Gelvin, Vernice G.,	Meadville
Harshaw, James G.,	West Freedom
Haskell, Frank N.,	Pleasantville
Higley, Elmer E.,	Conneautville
Howe, John K.,	Tarentum
Johnson, Maude,	West Middlesex
Kurtz, Robert M.,	Cleveland, O.
McFate, Lizzie Belle	Cochranton
McLaughlin, Norman Callendar, (E.)	Meadville
McQuiston, Jennie B.,	Hartstown
Minor, Blanche,	Cleveland, O.
Mowry, Edgar D.,	Gowanda, N. Y.
Murphy, Frank H., (E.)	Millerstown
Rodkey, S. Elmer,	Mitchell's Mills
Ryan, Augustus E.,	Meadville
Scott, Flossie	Baldwin
Smith, Clara B..	Meadville
Staples, Arthur,	Kane
Thompson, Florine.	Meadville

Townsend, Paul A., ... Beatty
Tuttle, Joseph H., . . . Poughkeepsie, N. Y.
Virtue, Charles W., ... Guy's Mills
Walker, George E., ... Butler
Warner, Harry, (E.) . . . . . Meadville

SECOND PREPARATORY.

Bates, Walter Irving, ... Meadville
Busby, Nelle, ... Jewett, O.
Carew, Clement J., ... Meadville
Chamberlain, Herman S., . . . Krumroy, O.
Cowell, George G., ... Meadville
Cox, Charles C., ... Edenburg
Cox, Howard D., ... Edenburg
Davidson, Eva, ... Rock Point
Dickson, Eva B., ... Blooming Valley
Donley, Leana, ... Mt. Morris
Donley, Margaret M., ... Mt. Morris
Gage, George N., ... Forestville, N. Y.
Goodwin, Edwin D., ... Diamond
Gorton, Robert E., ... Torpedo
Hall, Florence, ... Meadville
Heazelton, J. D. Wick, ... Pittsburg
Holman, Louis A., ... Mill Village
Holmes, Clarence R., ... Hayfield
Howells, Ella, ... Kane
Kelley, Chauncey R., ... Meadville
Kennedy, Frank, ... Tarentum
Knox, Luther L., ... Pulaski
Lewis, George M., ... Panama, N. Y.
Ledebur, Amos F., ... East Hickory
Lord, Bert L., ... North East
Malone, Maude H., ... Cuba, N. Y.
McDade, William W., ... Kane
Mead, Frank M., ... Venango
Murphy, Anna, ... Millerstown
Oaks, Addie, ... Guy's Mills
Porter, Robert P., ... Meadville

Porter, Walter G.,	Meadville
Power, George C.,	Meadville
Quick, William A.,	Espyville
Richey, Thomas H.,	Wallaceville
Sabin, William,	Cambridgeboro
Talbot, Emory H.,	Mentor, O.
Trumper, Grace,	Meadville
Welty, Per Lee,	Canton, O.
Williams, Clyde L.,	Guy's Mills

FIRST PREPARATORY.

Beals, Robert,	Bear Lake
Bunce, Charles L.,	Meadville
Bush, Genevieve,	Pittsburg
Derickson, Richard B.,	Meadville
Evans, Charles,	Oil City
Farrar, Rush,	Toledo, O.
Frew, William A.,	Pittsburg
Helmsley, Charles E.,	Philadelphia
Jackson, Frank H.,	Fairmount, W. Va.
Kennedy, Alfred C.,	Tarentum
Mannett, Eula,	Wilcox
Mannett, Lillian,	Wilcox
McClintock, Harry C.,	Meadville
Offen, George S.,	Columbus, O.
Pachedjieff, Kosto J.,	Bulgaria
Pickard, Ray F.,	Meadville
Schauweker, John J.,	Meadville
Shadduck, Phillip H.,	Meadville
Smith, Irvin T.,	Meadville
Sterling, Reynolds,	Oil City
Trumper, Fred D.,	Meadville
Wineman, Frederick G. H.,	Derry
Will, Charles E.,	Pittsburg

UNCLASSIFIED.

Barrett, Grace E.,	Titusville
Cahoon, Flora H.,	Masonville, N. Y.
Johnson, William Lee,	New Castle

Kellogg, Harriett M. E.,	Seattle, Wash.
Nesbitt, Charles T.,	Fairmount, W. Va.
Raymond, Clara,	Meadville
Reep, Etta,	Baldwin
Reep, Mary,	Baldwin
Riley, Hattie,	Corry
Whitman, Agnes D.,	Erie
Whitney, May,	Pittsfield

Summary.

STUDENTS IN COLLEGE:		
Post-Graduate,	27	
Seniors,	42	
Juniors,	21	
Sophomores.	26	
Freshmen,	59	
		— 175
PREPARATORY SCHOOL:		
Third Preparatory,	42	
Second Preparatory,	40	
First Preparatory,	23	
Unclassified,	11	
		— 116
Total,		291

Prizes Awarded 1889-90.

ALLEGHENY LITERARY SOCIETY.

Fisk Declamation Prize, . . . Harry M. Barrett

Chautauquan Oration Prize, . . Clarence L. Miller

Alumni Essay Prize, . . . George H. Fuller

Thompson Essay Prize, . . William W. Youngson

PHILO-FRANKLIN SOCIETY.

Polyhymnian Declamation Prize, . . Martin J. Sweeney

Centenary Oration Prize, . . Martin J. Sweeney

Kalamathean Essay Prize, . . . Manley O. Brown

Alumnæ Essay Prize, ... Not Awarded

OSSOLI LITERARY SOCIETY.

Alumnal Declamation Prize, . . R. Belle Watson

Post-Graduate Department.

FACULTY.

D. H. WHEELER, LL.D., DEAN.
J. H. MONTGOMERY, PH. D.
J. C. FIELDS, PH. D.
J. W. THOMAS, A. M.

EXPLANATORY NOTES.

I. Graduates of reputable colleges completing the first year in one of the following courses will receive the degree of Master of Arts *pro merito.*

II. Graduates of reputable colleges completing the three years of any course will receive the degree of Doctor of Philosophy *pro merito.*

III. Students who may have received a classical education, but have not graduated, may be admitted to pursue these courses by a vote of the Faculty, but every such case will be considered upon its merits. Such applicants are requested to make a carefully detailed statement of the subjects they have studied, when they apply for admission to the course. Such applicants must be at least thirty years of age before they receive the degree.

IV. Applications for admission to the course must be accompanied by the entrance fee of five dollars.

V. Students who have passed to the degree of Master of Arts *pro merito* are not required to pay the entrance fee for the degree of Doctor of Philosophy.

VI. Examinations occur in Meadville the week before Commencement, in each year, and a fee of ten dollars is paid for examination upon each year's course. Another time may be arranged for by correspondence.

VII. A fee of five dollars is paid for each diploma.

VIII. The whole cost of the Master's degree, including entrance fee and diploma, is twenty dollars; of the Doctor's degree, forty dollars; of both degrees, forty-five dollars.

IX. Mixing courses, or selecting from two or more, is not permitted; a measure of proficiency in some one department of knowledge is the basis on which the *pro merito* degrees are conferred.

X. Students may receive special instructions respecting methods of study by application to the Dean; but the following general rule will be found sufficient in most cases. Read each work carefully, make a full and careful abstract of it, and present these abstracts at the end of each year to the examiners. The abstracts will, in most cases, aid in the examinations, and the making of them will fix the more important parts of each subject in the memory.

XI. The examinations may be taken all at once; but the degree of Master of Arts will not be conferred until one year after graduation to A. B., and the degree of Doctor of Philosophy will not be conferred until three years after graduation to A. B. Students may devote more than three years to the course; only the minimum of time is fixed.

XII. A Thesis must be written and presented to the examiner before the degree is conferred. The subjects for these will be assigned by the several examiners.

XIII. Applicants for admission to theses courses will receive a blank registration paper to be properly filled up and returned to the Dean, who will then assign each to the member of the Faculty having charge of the course selected for direction in his studies.

XIV. Most of the works named in the courses are published in this country. The student can obtain them through any book-dealer, or by sending direct to the publisher. In the case of foreign books, any prominent dealer will import them.

XV. All examination papers and theses are the property of the College, and are filed for preservation.

XVI. In some cases, other works will be accepted, when they are considered equivalent to those prescribed.

Address correspondence to Dr. D. H. Wheeler, Dean of the Post-Graduate Faculty.

Outline of Courses.

PHILOSOPHY.

(In the following courses in Philosophy, works of equal merit may, in some instances, be substituted for those given. All such substitutions must be made with consent of the Professor in charge.)

FIRST YEAR.

1. History of Philosophy—*Morris' Ueberweg*, Vol. I.
2. Socrates and the Socratic Schools—*Zeller.*
3. Mental Physiology.—*Carpenter.*
4. Physiological Psychology.—*Ladd.*
5. Metaphysics—*Assigned Readings.*

SECOND YEAR.

1. Handbook of Moral Philosophy—*Porter.*
2. Four Phases of Morals—*Blackie.*
3. Practical Philosophy—*Lotze.*
4. The Emotions—*McCosh.*
5. Social Morality—*Maurice.*
6. Modern Physical Fatalism—*Birks.*
7. Christian Ethics—*Wuttke.*

THIRD YEAR.

1. History of Philosophy—*Morris' Ueberweg*, Vol. II.
2. Lectures on Metaphysics—*Hamilton.*
3. Defense of Fundamental Faith—*McCosh.*
4. Christianity and Greek Philosophy—*Cocker.*
5. Review of Locke's Essay on the Human Understanding—*Cousin.*

THEISM AND CHRISTIANITY.

1. Life of Christ—*Geikie, Farrar.*
2. Final Causes.—*Janet.*
3. Supernatural Origin of Christianity—*Fisher.*
4. Studies in Theology—*Bishop R. S. Foster.*
5. Modern Doubt and Christian Belief—*Christlieb.*
6. The Person of Christ—*Schaff.*
7. Logic of Christian Evidence—*Wright.*

SECOND YEAR.

1 Philosophical Basis of Theism—*Harris.*
2. The Theistic Argument—*Diman.*
3. Nature and the Supernatural—*Bushnell.*
4. The Reign of Law—*Argyll.*
5. Life of Paul—*Conybeare & Howson, Farrar.*
6. Christianity and Positivism—*McCosh.*
7. Historical Evidences—*Rawlinson.*

THIRD YEAR.

1. Studies in Theism—*Bowne.*
2. The Grounds of Theistic and Christian Belief—*Fisher.*
3. Analogy of Religion, Natural and Revealed—*Butler.*
4. The Self Revelation of God—*Harris.*
5. The Method of the Divine Government—*McCosh.*
6. Four Phases of Morals—*Blackie.*

POLITICAL AND SOCIAL SCIENCE.

EIRST YEAR.

Anthropology—*E. B. Tyler.*
Ancient Law—*Maine.*
Constitutional History of England—*Stubbs.*
Principles of Political Economy—*Cairnes.*
Money and the Mechanism of Exchange—*Jevons.*
The Ancient City—*Coulanges.*
Primitive Property—*Laveleye.*
Constitutional Law—*Cooley.*
Studies in Roman Law—*Mackenzie.*

SECOND YEAR.

The Origin of Civilization—*Lubbock.*
Pioneers of France in the New World—*Parkman.*
Political Science—*Woolsey.*
Communistic Societies of United States—*Nordhoff.*
International Law—*Woolsey.*
Political Economy—*F. A. Walker.*
American Commonwealths—*Bryce.*
Early History of Institutions—*Maine.*
Civil Liberty—*Lieber.*

THIRD YEAR.

Constitutional History of England—*May.*
Physics and Politics—*Bagehot.*
Constitutional History of the United States—*S. Sterne.*
Political Economy—*Sidgwick.*
Wealth of Nations—*Adam Smith.*
History of the Inquisition in the Middle Ages—*H. C. Lea.*
Congressional Government—*Wilson.*
Municipal Law—*Pomeroy.*

HISTORY.

FIRST YEAR.

The Beginnings of History—*Lenormant.*
Pre Historic Races of the United States—*Foster.*
History of Civilization in England—*Buckle.*
Manual of Historical Literature—*Adams.*
The Course of Empire—*C. G. Wheeler.*
History of the United States—*Hildreth.*
Political Economy—*K. E. Thompson.*
History of Greece—*Cox.*

SECOND YEAR.

History of Greek Literature—*Mahaffy.*
History of Rome—*Mommsen.*
History of Egypt—*Brugsch.*
Five Great Monarchies—*Rawlinson.*
Decline and Fall of the Roman Empire—*Gibbon.*
The Italian Renaissance—*Burckhardt.*

THIRD YEAR.

The Intellectual Development of Europe—*Draper.*
The Spanish Conquest of America—*A. Helps.*
The Rise of the Dutch Republic—*Motley.*
History of Latin Literature—*Simcox.*
The Holy Roman Empire—*Bryce.*
History of France—*Stephen.*
History of the English People—*Green.*

ENGLISH LITERATURE.

FIRST YEAR.

The Science of Language—*Max Muller.*
Beowolf—*Translated by Garnett.*
History of English Literature—*Morley*, Vols. I, II, III, IV.
History of English Sounds—*Sweet.*
Chaucer's Canterbury Tales—*Morley.*
*English Men of Letters—*Chaucer, Spencer, Milton.*

SECOND YEAR.

The Science of Language—*Whitney.*
Philology of the English Tongue—*Earle.*
Spencer's Færie Queen—*Morley.*
Lectures on English Language and Literature (first series)—*G. P. Marsh.*
Victorian Poets—*Stedman.*
*English Men of Letters—*Bunyan, Johnson, Bacon.*
English of Shakespeare—*Craik.*

THIRD YEAR.

Poets of America—*Stedman.*
American Literature—*Richardson.*
*American Men of Letters—*W. Irving, E. A. Poe, N. Hawthorne.*
The Science of English Verse—*Lanier.*
The Science of Language—*Sayce.*
Lectures on English Language and Literature (second series)—*G. P. Marsh.*
The English Novel—*Lanier.*

---

*The books referred to are in the series bearing these titles.

MATHEMATICS.

FIRST YEAR.

Algebra—*Todhunter.*
Geometrical Conics—*Drew.*
Plane Trigonometry—*Todhunter.*
Spherical Trigonometry—*Todhunter.*
Analytic Conics—*Salmon.*
Differential Calculus—*Willumson.*
Integral Calculus—*Williamson.*

SECOND YEAR.

Theory of Equations—*Todhunter.*
Determinants—*Muir.*
Modern Higher Algebra—*Salmon.*
Higher Plane Curves—*Salmon.*
Curve Tracing—*Frost.*
Analytic Geometry of Three Dimensions—*Salmon.*
Trilinears—*Ferrers.*

THIRD YEAR.

Differential Equations—*Forsyth.*
Calculus of Finite Differences—*Boole.*
Quaternions—*Hardy.*
Statics—*Minchin.*
Dynamics of a Particle—*Tait and Steele.*
Rigid Dynamics—*Routh.*

PHYSICS AND CHEMISTRY.

FIRST YEAR—PHYSICS.

Required for entrance . Olmstead's College Philosophy, or a work of equal grade and a knowledge of Calculus.

Mechanics. { Goodeve's Mechanics. / Tait's Treatise on the Dynamics of a particle.
Sound—*Tyndall.*
Light. { Brewster's Treatise on Optics. / Mayer & Barnard's Light.
Heat—*Maxwell.*
Physical Treatise on Electricity—*Gordon.*
Electricity in the Arts—*Sprague.*

SECOND YEAR—PHYSICS.

Constitution of the Sun—*Lockyer.*
Meterology—*Loomis.*

CHEMISTRY.

General Review of Inorganic Chemistry—*Wurtz.*
Organic Chemistry—*Remsen.*
Qualitive Analysis—*Fresenius.*
Medical Chemistry—*Attfield.*

THIRD YEAR—CHEMISTRY.

Qualitative Analysis—*Fresenius.*
Blowpipe Analysis—*Brush.*
Analysis of Poisons—*Blyth.*
Volumetric Analysis—*Hart.*
Thesis—(Subject to be given.)

NATURAL HISTORY.

FIRST YEAR—GEOLOGY.

Dynamical Geology—*Le Conte.*
Paleontology—*Nicholson.*
Mineralogy—*Brush.*
Lithology—*Dana.*
Detailed study of some chosen Geological period.
Study of Coal.
Geological Succession of Species—*Selected authors.*
Study of Ores and Metals—*Mitchell.*
Geological History—*Selected authors.*
Geology of your Native State.

SECOND YEAR—BOTANY.

Manual of Botany—*Bessey.*
Physiological Botany—*Goodale.*
Thesis and two hundred mounted specimens.
Drawings of twenty five plants and their parts.
Original notes on plant life.
Study of Insectiverous Plants—*Darwin.*
Microscopy—*Davies.*
Plant Stems—*Selected authors.*
Mounting twenty-five sections of stems.
Ferns—*Authors selected.*
Parasitic plants.
Geographical distribution of plants.

THIRD YEAR—ZOOLOGY.

Zoology—*Claus & Sedgwick.*
Invertebrate Zoology—*Huxley.*
Study of Insects—*Packard.*
Collection, names and mountings of two hundred specimens of insects.
Embryology.
Anatomy of Vertebrates.
Ornithology.
Preparation of twenty five bird skins.
Geographical Distribution of Animals—*Wallace.*
Doctrine of Evolution—*From selected authors.*
Thesis.

Works of equal merit, subject to approval, may be substituted for those given in the above scientific courses. Those cases where no author is mentioned will be arranged by correspondence with the professors in charge, and any one who desires to continue in any one branch (for example Physics) for three years can do so on application.

FRENCH AND GERMAN.

FRENCH.

The course is so arranged as to include a brief study of the important periods of French history, with, later, a critical study of Old and Middle French texts.

Lacombe's Petite Historie du Peuple francais—*Holt.*
Delavigne's Louis XI—*Macmillan.*
Voltaire's Siecile de Louis XIV—*Macmillan.*
De Tocqueville's L'ancien Regime.
Tableaux de la Revolution francaise—*Putnam.*
Brachet's Grammaire historique de la langue francaise—*Hachette.*
Demogeot's Literature francaise, with special studies of Moliere, Montaigne and Rousseau.

Middle French: Darmstetter and Hatzfeld's Morceaux Choisis.

Old French: Meyer's Recuil d'anciens Textes.

Reference books. Van Laun's or Saintbury's French Literature.

GERMAN.

The first work will be in classic and modern literature, with, later, studies in philology and reading of Middle High German Texts.

Goethe's Iphegenie auf Tauris, or Faust I.
Schiller's Wallenstein (last two parts).
Lessing's Nathan der Weise or Laokoon. (Buchheim's editions required) —*Macmillan.*

In modern prose to form the following works:

Ebers' Homo Sum.
Scheffel's Eckehard.
Freitag's Verlorene Handschrift.
Selss' Brief History of the German Language—*Trubner.*
Pfeiffer's Deutsche Classiker des Mittelalters Walther von der Vogelweide —*Selections.*
Das Nibelungen Lied (9 books).

To be read in connection:

Scherer's German Literature.

As reference books:

Konig's Deutsche Literaturgeschichte, or
Kurz's Deutsche Literaturgeschichte.
Helfenstein's Grammar of the Indo European Tongues.

The Post-Graduate course in Modern Language pre-supposes the ability to read simple French and German at sight, and some acquaintance with literature. In both, it is intended to make the early works purely literary, reserving philological study until later. Examinations will consist of written and sight translations, and resumes or essays on the works read, in the French course in French, and similarly in the German. For convenience publishers are given in italic as far as possible.

Calendar.

1890.

June 19, 20, 21, . . . Annual Examinations

June 22. 10:45 a. m., . . . Baccalaureate Sermon
By President D. H. Wheeler.

June 22, 7:45 p. m., . Annual Sermon before College Y. M. C. A.
By Rev. N. Luccock, D.D.

June 23, 8:00 p. m., ... Inter-Society Contest

June 24, 8:45 p. m., . . . Annual Drill of Cadet Corps

June 24, 9:30 a. m., . Annual Meeting of Board of Control

June 24, 8:00 p. m., ... Senior Class Day

June 25, 9:30 a. m., . Annual Meeting of Board of Trustees

June 25, 8:00 p. m., Annnal Concert of the Conservatory of Music

June 26, 10:00 a. m., . . . Commencement Exercises

SUMMER VACATION.

September 16th, Tuesday, 9:00 a. m. . . Fall Term begins

December 13th, Saturday, . . . Fall Term Ends

WINTER VACATION.

1891.

January 6th, 1891, Tuesday, . . Winter Term begins

March 28th, Saturday, ... Winter Term Ends

SPRING VACATION.

April 7th, Tuesday, . . . Spring Term begins

June 25th, Thursday, ... Commencement

CONTENTS.

	PAGE.
BOARD OF TRUSTEES,	5
OFFICERS OF THE BOARD,	6
CENTENARY BOARDS,	7
JOINT BOARD OF CONTROL,	7
VISITING COMMITTEES,	7
INSTRUCTION AND GOVERNMENT,	8
OFFICERS OF THE FACULTY,	9
DESCRIPTIONS OF THE COLLEGE:	
Meadville,	10
History,	10
Grounds and Buildings,	10
Laboratories and Apparatus,	11
The Museum,	12
Library and Reading Room,	13
COURSES OF STUDY,	13
DEPARTMENTS OE INSTRUCTION,	15
ADMISSION AND CLASSIFICATION,	18
PREPARATORY INSTRUCTION,	19
THE WEEKLY HOLIDAY,	20
DEGREES,	20
MILITARY DEPARTMENT:	
Practical Instruction,	21
Uniform and Regulations,	22
Substitutions,	22
GENERAL INFORMATION:	
Religious Culture,	23
Candidates for the Ministry,	24
Expenses of Students,	25
Club Rules,	26
Self Help,	26
Expenses of Ladies,	27
Important Regulations,	28
Special Examinations,	28
Number of Studies,	28
Literary Societies,	28
THE COLLEGES COURSES,	29
COURSES OF STUDY:	
Freshman Year,	30
Sophomore Year,	31
Junior Year,	32
Senior Year,	33

Preparatory School, ... 34
REGISTER OF STUDENTS:
Post-Graduate, ... 35
Seniors, ... 36
Juniors, ... 37
Sophomores, ... 37
Freshmen, ... 38
Third Preparatory, ... 40
Second Preparatory, ... 41
First Preparatory, ... 42
Students not Classified, ... 43
SUMMARY OF STUDENTS, ... 43
PRIZES AWARDED, 1890-91, ... 44
POST-GRADUATE DEPARTMENT:
Faculty, ... 45
Explanatory Notes, ... 45
Course in Philosophy, ... 47
Course in Theism and Christianity, ... 47
Course in Political and Social Science, ... 48
Course in History, ... 48
Course in English Literature, ... 49
Course in Mathematics, ... 50
Course in Physics and Chemistry. 50
Course in Natural History, ... 51
Course in French and German, ... 52
CALENDAR, 1890-91, ... 54

INSTITUTIONS

CO-OPERATING WITH

ALLEGHENY COLLEGE.

MEADVILLE
CONSERVATORY OF MUSIC.

FACULTY.

MRS. JUVIA C. HULL,
DIRECTOR.

MRS. JUVIA C. HULL,
Voice, Culture, Oratorio, Concert Singing.

GEORGE W. DIXSON,
Organ, Piano, Sight Singing.

MRS. GEORGE W. DIXSON,
Piano Forte.

FRED. B. NICHOLS,
Violin and all Stringed Orchestral Instruments.

F. P. BOYNTON,
Cornet and all Brass Instruments.

LUCY E. McCLINTOCK,
Painting.

LEONA MAGAW,
Drawing.

M. BLANCHE BEST,
Physical Culture.

General Description.

At the annual meeting, June 23, 1886, the Trustees of Allegheny College authorized the affiliation of the Meadville Conservatory of Music with the College. Each of the institutions remains under its own management, having separate charters and boards of trustees, but students in each may avail themselves of the advantages of the other.

Students in the Preparatory School may also study music in the Conservatory. In the preparation for the Latin and Modern Language Course, students may elect two years of Music as a substitute for Historical and other required studies.

Broad Culture Afforded.—The Meadville Conservatory of Music was established for the purpose of affording superior advantages for the study of Music in all its higher branches. It is a universally conceded fact that the intelligent, careful study of Music tends to give a refinement to the general manners, and to elevate the artistic taste to the greatest degree. The courses of study pursued are similar to those of the successful schools of Music in Europe and America, and are calculated to make cultured, thoroughly competent and skillful musicians of the graduates of this school; also to give them a system of school for their use when they in turn wish to become professional teachers. Lectures on music and musicians, and on the works of the masters, are free to the students of the Conservatory.

Parents and others bearing the expense of educating children, even if done without thought of their ever being obliged to use the education as a means of gaining a livelihood, demand that the most thorough systems and careful teaching shall be given in return for their money. This is proper, and the best of teachers can be obtained for lessons at a nominal sum, comparatively, in a large Conservatory, whose prices for private instructions would be beyond the reach of the masses.

Philharmonic Society.—All vocal pupils are organized into a singing society, under the supervision of the Director of Music, for the study and the public rendering of oratorios, grand choruses, selections from operas, masses, etc., assisted by eminent solo talent in all branches, thereby affording excellent opportunities to pupils for hearing and learning properly the celebrated and difficult works of all schools of Music.

DEPARTMENTS OF INSTRUCTION.

A school for the Piano.

A school for the Organ.

A school for Singing, Formation and Cultivation of the Voice, Concert Singing, etc.

A school for the Violin, Orchestra, Quartet and Ensemble playing.

A school for all Orchestral and Band instruments, and the Art of Conducting.

A school for Harmony, Composition, Theory and Orchestration.

A school for Church Music, Oratorio and Chorus Practice.

A school for training Music Teachers for Public Schools, Conventions, etc.

A school of Art.

The detailed outline of the courses of the several schools of Music can be had on application to the Director for the Conservatory Catalogue.

LESSONS.—Pupils receive two lessons in each branch of music per week in the regular graduating courses. The Conservatory term consists of ten weeks (twenty lessons.) No deduction for lessons missed.

Pupils may enter the Conservatory at any time, but if possible, it is always better to commence with the new term.

FOUR YEARS' COURSE.—The course comprises four years' work, and is divided into six grades of three divisions, namely: Preparatory, Intermediate and Advanced (each division containing two grades.)

RATES OF TUITION.

For private lessons per term of ten weeks, two lessons per week, payable in advance:

Piano, Voice, Violin, Cabinet Organ, Cornet, 1st and 2d grades, each,	$15 00
Piano, Voice, Violin, Cabinet Organ, Church Pipe Organ, Cornet, 3d, 4th, 5th and 6th grades, each,	20 00
Harmony,	15 00
Theory of Music,	15 00
Counterpoint,	15 00
Composition,	15 00
Orchestration,	15 00
Class in Sight Singing,	2 00
Estimated expenses per term for music used, about,	5 00
Rent of Piano, one hour per day, per term,	3 00
Rent of Pipe Organ, two hours per day,	5 00

(Organ blowing extra, about fifteen cents per hour.)

DIPLOMAS.—Diplomas are given the graduate of these different courses, signed by the President of the Faculty, Director of Music and teachers of the various departments from which they are graduated.

LADY STUDENTS' HOME.—Ladies studying Music only are admitted to Hulings Hall, on the same terms as other lady students.

Department of Art.

This department is under the charge of Lucy E McClintock, who has been a student in the School of Design, Philadelphia, National Academy of New York, and Academy of Fine Arts, in Chicago. Crayon Portraits a specialty.

There are thorough courses of study in Drawing under Leona Magaw, from the Antique, in Perspective, and in Painting in Oil and Water Colors. For students of sufficient advancement, a class in Drawing from Life will be formed. There will be additional classes in Sketching and in Decorative Art.

The principles and practice of Art will be taught chiefly through the study of Antique Sculpture. On passing a satisfactory examination in this, students can enter other classes.

The studio is fully equipped with the finest full-sized casts of antique statuary, with studies drawn or painted from nature, etc.

RATES OF TUITION IN ART.

For term of ten weeks, two lessons per week, payable in advance.

Drawing from Antique or from Life, and use of Studio 3 hours daily	$15 00
Painting in Oil or in Water Colors, and use of Studio 3 hours daily	15 00
Perspective	10 00
Sketching	5 00
Physical Culture	10 00

To members of ths class in Antique Drawing, or the class in Painting, the Sketching will be free.

Classes in Physical Culture are under the instruction of M. Blanche Best.

MEADVILLE

BUSINESS COLLEGE.

The Meadville Business College is an independent institution in which the students of the Preparatory School of Allegheny College may pursue business branches with special advantages.

FACULTY.

A. W. SMITH,

Principal of Commercial Department, Lecturer on the Theory and Practice of Business, Teacher of Book-keeping and Banking.

J. E. CAMPBELL AND J. W. WAFUL,

General Agents and Teachers Plain and Ornamental Penmanship.

W. G. WESTLAKE,

Assistant in Commercial Department and Teacher of Practical and Ornamental Penmanship.

GEORGE H. ST. JOHN,

Practical Academical Department.

A. B. RICHMOND & SON,

Lecturers on Commercial Law and Business Customs.

CONRAD SMITH,

Assistant in Academical Department.

GEORGE H. ST. JOHN AND S. D. TUTTLE,

Teachers Short-Hand and Type-Writing.

The Meadville College is one of the original members of the international Business College Association; and was founded by Bryant, Stratton & Smith October 13, 1865, and has for the past twenty-four years been under the sole care and management of the latter member, who has given the institution the benefit of his undivided attention and actual business experience—he having been employed at different times in mercantile, steamboat and banking institutions as accountant. for many years, in addition to his long experience as a teacher. It is not the intention to disparage any institution, but it is doubtful if any similar institution in the State, or even in the nation, is presided over by an actual accountant of the extensive experience of the principal of this institution.

The College has other peculiar advantages. Situated in the midst of a large, active and prosperous community, it enjoys the confidence and commendation of all the leading merchants of the country.

The College aims to give instruction, enforced and illustrated by practical illustrations. For this purpose teachers of actual experience are employed, whose personal attention is given to each student, irrespective of his relative progress, or his time of attendance. The transactions of business life are presented to the students in precisely the form in which they would present themselves in the counting-room, the bank, the transportation office, the insurance office, or in any place where the affairs of traffic or exchange are recorded, systematized, or brought to completion. The principles by which these transactions are analyzed and made to appear on the books in a lucid, orderly and accurate record, are explained, and the pupil is thoroughly drilled by practice in the application of these principles. When he graduates he knows far more than the mere method of book-keeping; he knows the actual principles of the art, and is prepared, not only for the specific duties, but for service in any department of mercantile record.

The College is located on Water street, but a few steps from the N. Y., P. & O. depot, and its windows look out on the beautiful city and surrounding hills and landscapes thus obtaining for its spacious study rooms, with their high ceilings, the purest, and the best light.

The Business Department.—This department is fitted up with all modern improvements. It is heated by natural gas, and soon to be lighted by electricity. Double and single entry book-keeping, as applied to every department of business, is thoroughly taught by practical accountants.

Shorthand Department.—The Shorthand Institute and Type Writing School, in connection with the Meadville Business College, offers the best and cheapest facilities to students wishing to acquire the above subjects in the shortest space of time. It is useless to spend years of time in learning the old methods of Phonography.

The rates of tuition are but little more than one-half of that of similar institutions, while the use of the type writers and the instruction on the machine is free to all students in the department.

The demand for stenographers and operators of type writers of this department find ready employment at good wages as soon as they have finished their course of study.

PENMANSHIP DEPARTMENT.—Four of the finest penmen in America are connected with this College. Plain Business Writing in every style, Ornamental Penmanship in all its forms, such as Flourishing, Lettering, Fine Shading, Card Writing, German Text, Old English, Pen Drawing, Penciling, &c., is taught.

TERMS OF TUITION AND BOOKS IN BUSINESS COLLEGE.

Scholarship for the full course, entitling the holder to instruction in Book-keeping, Commercial Law, Commercial Arithmetic, Correspondence, Practical and Ornamental Penmanship, Rapid Reckoning, Complete English Course, Type Writing, Detecting Counterfeit Money, etc., $50.00.

Books for Commercial Department for full coorse, cost from $5.00 to $10.00.

Tuition to ladies 25 per cent. off.

BOOK-KEEPING ALONE OR WITH ANY OTHER BRANCHES.

One month	$12.00
Two months	22.00
Three months	30.00
Six months	40.00
One Year	45.00

PRACTICAL PENMANSHIP.

One month	$ 5.00
Two months	7.00
Three months	8.00

ORNAMENTAL PENMANSHIP.

One month	$10.00
Two months	18.00
Three months	25.00

SHORT-HAND AND TYPE-WRITING.

Complete course, time unlimited	$40.00
Students holding full course Scholarships, 25 per cent. off, or	30.00
Full course, six months	30 00
Three months	20.00
Two months	15.00
One month	8.00

TYPE WRITING.

To those who do not hold Scholarships, per month	$ 5.00

All students not in Short-Hand Department practicing on these machines will pay $2.00 per month for use of machine.

All tuition payable in advance.

Students from Allegheny College will be admitted to any of the departments at half rates.

Send for *The Reporter*, giving full information. Enclose four cents in stamps. Address, A. W. SMITH, Meadville, Pa.

HULINGS HALL.

Allegheny College,

1890-'91.

HULINGS HALL.

CORRECTIONS AND ADDITIONS.

Transfer Wm. E. Barcus from the Junior to the Senior class.

Add to prizes, Inter-Collegiate Orator, Wm. W. Youngson.

A new prize has been established in the Ossoli Society by Knighton T. Meade, Esq., of Pittsburg, a member of the class of 1884. The prize will be known as the Arlie Meade Thoburn Prize, in memory of Arlie C. Meade Thoburn, of the class of 1886, deceased.

The College has come into possession of the MISS LINDLEY ENDOWMENT, amounting to $10,000, the interest of which will be used in aiding students of either sex who may be dependent upon their own exertions for obtaining an education.

HULINGS HALL.

BENTLEY HALL.

SEVENTY-FIFTH YEAR.

ANNUAL

CATALOGUE

OF

ALLEGHENY COLLEGE,

FOR THE

ACADEMIC YEAR, 1890-'91.

MEADVILLE, PA.

1891:
TRIBUNE-REPUBLICAN JOB ROOMS.

GRADUATION OF THE FIRST CLASS.

By the courtesy of Thomas Van Horne, A. M., a member of the Class of 1835, we are permitted to print the Commencement Programme of 1821.

Allegheny College.

****

FOURTH ANNIVERSARY COMMENCEMENT, WEDNESDAY, FOURTH OF JULY,

MDCCCXXI.

EXERCISES BY THE CANDIDATES FOR THE BACCALAUREATE.

1. Salutatory oration, in Latin, by *Robert Wormsted Alden*

2. Hebrew oration, by *Timothy John Fox Alden*

3. English oration, on astronomy, by *David Derickson*

4. Greek oration, on geography, by *Alexander Matthew White*

5. English oration, on the importance, to the United States, of a navy, by *R. W. Alden.*

6. Syriac oration, by *T. J. F. Alden*

7. English oration, on the progress of Liberty, by *A. M. White*

8. German oration, on Washington, the glory of his country, by *D. Derickson*

9. Valedictory oration, in English, on American Independence, closing with several addresses and a respectful notice of Bentley, Thomas, and other benefactors of Alleghany College, by *T. J. F. Alden.*

ALLEGHENY COLLEGE.

BOARD OF TRUSTEES.

EX-OFFICIO.

His Excellency, R. E. PATTISON,
Governor of the Commonwealth.

Hon. EDWARD M. PAXSON,
Chief Justice of the Supreme Court.

Hon. W. U. HENSEL,
Attorney General.

LAY TRUSTEES.

Alexander Bradley,	Pittsburg
Hon. B. R. Cowen,	Greensburg
Hon. G. B. Delamater,	Meadville
Jas. E. McFarland,	Meadville
Hon. S. B. Dick,	Meadville
Hon. J. S. M'Calmont,	Washington, D. C.
Hon. J. W. F. White,	Sewickley
Jas. D. Gill,	Meadville
Henry K. List,	Wheeling, W. Va.
Lewis Miller,	Akron, O.
Hon. Sam'l Griffith,	Mercer
Hon. J. F. Dravo,	Beaver
Harvey Henderson,	Allegheny
Jos. Horne,	Pittsburg
F. P. Ray,	Meadville
Wm. Thomas,	Meadville
Hon. J. J. Henderson,	Meadville
Geo. W. Haskins,	Meadville

Jno. A. Wood,	Pittsburg
Wm. Foltz,	New Castle
W. D. Patterson,	Cleveland, O.
Jos. Walton,	Pittsburg
A. L. Dunbar,	Meadville
Geo. P. Hukill,	Oil City
Jas. P. Hassler, M. D.,	Meadville
Hon. B. F. Martin,	Grafton, W. Va.
Hon. J. D. Taylor,	Cambridge, O.
Geo. H. Taylor,	Warren, O.
W. S. Morgan,	Alliance, O.
Richard M. Brown,	Youngstown, O.
J. G. Holmes,	Pittsburg
Hon. J. W. Lee,	Franklin

CLERICAL TRUSTEES.

Rev. Moses Hill,	Kalamazoo, Mich.
Rev. G. W. Clarke,	Akron, O.
Rev. W. A. Davidson,	Cleveland, O.
Rev. C. A. Holmes,	Allegheny
Rev. Jonathan Hamnett,	Meadville
Rev. J. R. Mills,	Cambridge, O.
Rev. David H. Wheeler,	Meadville
Rev. T. L. Flood,	Meadville
Rev. Jos. Horner,	Pittsburg
Rev. J. W. Miles,	Pittsburg
Rev. W. G. Williams,	Columbus, O.

OFFICERS OF THE BOARD.

Alexander Bradley,	President
D. H. Wheeler,	Vice-President
Frank P. Ray,	Treasurer and Secretary

CENTENARY BOARDS.

PITTSBURG CONFERENCE.

ALEXANDER BRADLEY, ... President
W. VAN KIRK, . . . Secretary and Treasurer

JNO. G. HOLMES. A. C. DRAVO.
REV. M. D. LICHLITER. REV. C. E. LOCKE.
J. P. SHALLENBARGER.

ERIE CONFERENCE.

REV. W. H. MOSSMAN, ... President
REV. R. C. SMITH, ... Vice President
WM. THOMAS, ... Treasurer

REV. J. A. KUMMER. G. W. HASKINS.
REV. T. C. BEACH. D. R. CODER.
REV. J. H. LAVERTY. A. C. PARSONS.

JOINT BOARD OF CONTROL.

REV. S. H. NESBIT.* REV. W. P. BIGNELL.
REV. T. N. BOYLE. GORTON B. CHASE.
S. HAZLETT. N. B. DUNHAM.
W. S. MOORE. J. C. BARDALL.
REV. R. N. STUBBS. HON. SAM'L WOODS.
REV. L. H. JORDAN. REV. W. R. WHITE.
REV. W. H. HASKELL. REV. R. F. KEELER.

VISITING COMMITTTEE.

REV. J. W. BLAISDELL. REV. G. S. HOLMES.
REV. J. T. EDWARDS. REV. A. H. DOMER.
REV. W. P. GRAHAM. REV. J. E. GARRETT.
REV. JOHN LUSHER. REV. J. W. ROBINS.
REV. C. M. MORSE. REV. A. B. CHAPMAN.
REV. H. C. BEACOM. REV. J. J. WALLACE.
REV. R. L. MILLER. JOHN WILLIAMS.
MRS. J. D. WEEKS. MRS. R. F. KEELER.
MRS. J. H. HOYT. MRS. T. C. PARSONS.
MRS. G. H. PIERCE. MRS. F. A. ARTER.
MRS. GEO. E. TREADWELL MRS. THOMAS N. PARKER.

*Deceased.

INSTRUCTION AND GOVERNMENT.

DAVID H. WHEELER, LL. D.,

PRESIDENT.

Professor of Social Science and English Literature.

JONATHAN HAMNETT, D. D.,

LIBRARIAN.

Emeritus Professor of Philosophy.

J. H. MONTGOMERY, PH. D.,

Professor of Physics and Chemistry.

J. W. THOMAS, A. M.,

Professor of French and German.

JAMES S. TRUEMAN, PH. D.,

Bradley Professor of Greek and Latin.

J. C. FIELDS, PH. D.,

Professor of Mathematics.

W. T. DUTTON, C. E.,

Professor of Civil Engineering.

2d LIEUT. JOHN K. CREE, 3d Artillery, U. S. A.,

Professor of Military Science and Tactics.

W. A. ELLIOTT, A. B.,

Instructor in Greek and Latin.

J. S. GIBSON, A. M.,

Instructor in Chemistry and Assistant Instructor in Military Science and Tactics.

GRACE I. FOSTER, A. M.,
MRS. ELLEN W. LAFFER, A. M.,

LADY PRINCIPALS.*

M. BLANCH BEST,

Expression and Physicial Training.

CLARENCE F. ROSS, A. B., CHARLES C. FREEMAN, A B.,

Tutors.

OFFICERS OF THE FACULTY.

J. H. MONTGOMERY, Vice-President and Curator of the Museum
J. W. THOMAS, ... Secretary
W. A. ELLIOTT, . . Principal of Preparatory Department

*Miss Foster served during the Fall and Winter Terms; Mrs. Laffer during the Spring Term.

DESCRIPTION OF THE COLLEGE.

MEADVILLE.

No city in Western Pennsylvania is more advantageously situated than Meadville. It is on the main line of the N. Y., P. & O. R. R., and has an outlet to the roads of the Pennsylvania Company, and others, by the Meadville & Linesville Railway. By either of these routes Pittsburg may be reached in five hours, Cleveland in three hours, Erie in two hours, Cincinnati in twelve hours, and New York in fifteen hours. This arrangement gives easy and expeditious access to the city from the above and all intermediate points. The population of the town is above 10,000; it is an old and well established city, having cultured society and many educational influences. The city has most of the modern improvements, such as illuminating gas for buildings, electric light on the streets, and natural gas fuel.

HISTORY.

Allegheny College was organized here in 1815 by citizens of the village. In 1817 they obtained for their institution a liberal charter, and in 1820 laid the foundation of Bentley Hall. In 1833, by a contract between the Trustees and the Pittsburg Annual Conference of the Methodist Episcopal Church, the College came under the control and patronage of the Methodists of this central region. By successive divisions of the Pittsburg Conference, the control and patronage are now vested in the Pittsburg, Erie, East Ohio and West Virginia Conferences. The contract between the Conferences and the Trustees guarantees a liberal and unsectarian spirit in the management of the College, and the students always represent several religious denominations. The growth of the college in recent years is shown by the following statement of the numbers in the graduating classes for the fifteen years ending June, 1891. Grouped in periods of five years, the figures stand:

Classes of 1877–1881 92
Classes of 1882–1886 124
Classes of 1887–1891 159

GROUNDS AND BUILDINGS.

The College Campus embraces thirteen acres on the north side of the town, having an elevation of two hundred feet above the river; it is well shaded with trees, and has a beautiful outlook upon the town and the adjacent hills and valleys. In natural beauty the Campus is very attractive. It is one of the most healthful places in the country. There are three large buildings belonging to and used by the College.

Bentley Hall bears the name of Rev. William Bentley, D.D., of Massachusetts, who gave his valuable library to the College. The corner stone was laid July 6th, 1820. It contains a central building, which is three stories high above the basement. The basement rooms are used for Laboratories and Shops. The stories above are devoted to Recitation rooms, Society Halls, and the office of the President of the College.

Ruter Hall, named after Rev. Martin Ruter, D.D., the second President of the College, is a substantial brick building, erected chiefly by the citizens of Meadville, in 1855. This building contains the Museums of the College, the Library, and Chapel.

Hulings Hall is a large brick edifice, erected in 1881, by Marcus Hulings, Esq., of Oil City, and the citizens of Meadville. It is used as a home for lady students, and has rooms for seventy ladies. It is about one hundred by eighty feet on the ground, and four stories in height, including the mansard roof, and is supplied with gas and water, and heated by steam.

Extensive repairs and improvements have been made on both buildings and grounds. Several thousand dollars have been expended in painting, decorating, constructing walks, etc., giving to the whole an appearance of neatness and order beyond that of many years.

LABORATORIES AND APPARATUS.

Two large rooms, each twenty by forty feet, are fitted up in the basement of Bentley Hall for Chemical Laboratories. They are furnished with water and gas, and are supplied with neat cases and a well selected cabinet of rare specimens.

These Laboratories accommodate forty students, with separate facilities for practical chemical and mineralogical study and analysis, according to the methods of the best scientific schools.

The College possesses extensive cabinets of Mineralogy and Conchology, and complete Chemical and Philosophical apparatus of the most improved forms.

The apparatus comprises many distinct pieces, affording ample means of illustrating every branch of Physics and Chemistry now taught in collegiate institutions. Among the most expensive instruments are the following: A compound Microscope, with accessories, manufactured by Zentmayer, of Philadelphia. A Rumkorff Induction Coil, giving a twelve-inch spark, by E. S. Ritchie & Co., of Boston. A Thilorier's Apparatus, for solidifying carbonic acid. Eighteen instruments to illustrate the laws of undulations. Auzoux's largest Anatomical Models of the eye, ear, brain and larynx. Apparatus for reproducing Tyndall's experiments of heat. Two Polariscopes, with accessories. A Spectroscope with four prisms. Complete apparatus for projection, including a first-class Educational Lantern, Oxy-Hydrogen Microscope, Duboscq's apparatus for projecting polarized light. Friction Machine. Holtz Electrical Machine. A Phonograph, two dynamos and accessories, etc. The optical instruments, excepting the Compound Microscope, Telescope and Astronomical Transit, were made by M. Duboscq, of Paris.

THE MUSEUM.

The Museum embraces several distinct collections of Minerals, Shells, Fossils, etc.

1. The Prescott Collection, comprising 2,200 specimens of Marine, Terrestrial and fresh water Shells, and about 3,000 specimens of Minerals and Fossils, was collected and mounted by Dr. William Prescott, of Concord, New Hampshire.

2. The Haldeman Collection has 550 excellent and carefully labeled specimens of Minerals, and about 2,000 specimens of Shells, and was purchased of S. S. Haldeman, of Columbia, Pa.

3. The Alger Collection.—This collection, made by the late Francis Alger, of Boston, contains 5,000 specimens of Minerals, remarkable for their beauty and variety. It embraces also a large number of duplicates, and a handsome cabinet of about 1,500 specimens of Shells.

4. Cabinet of Lithology and Palæontology.—This contains an entire series of the well-known Ward Casts, and a very comprehensive and valuable collection of Fossils and Rocks, to which additions are being made.

5. Smithsonian Collection.—In addition to several valuable collections heretofore received from the Smithsonian Institution, there have been added over 500 specimens of Land, Marine and Fresh Water shells from Panama, Vancouver's Island and the West Indies, chiefly obtained by the late Prof. C. A. Adams, and authentically labeled by H. Cumming and Dr. P. Carpenter, from the collection of D'Orbigny & Cumming.

Entomological Collection.—The Cabinet of insects embraces 3,000 species, carefully and accurately catalogued and classified. It was arranged by W. O. Currier, of Providence, Rhode Island, and donated by a friend to the College.

Natural History Collection.—In addition to the above named collections there are about 1,000 Zoological Specimens, including Birds, Reptiles, Fish and Marine Animals, which are constantly being increased in number by the exertions of the friends of the department.

These collections greatly increase the scientific advantages of the College and furnish special incentives to the study of Natural Science.

THE LIBRARY AND READING ROOM.

The College Library contains about 12,500 volumes, many of them rare and valuable works, which are accessible to all students. New energy and life have been infused into the library. Alumni and friends are invited to contribute to its enlargement.

The Library and Reading Room now occupy the whole of the third floor of Ruter Hall. Dr. Hamnett, the Librarian, gives his whole time to the Library and the students are able to make free use of books and periodicals at stated hours.

The Reading Room provides for the students periodical literature, American, English, French and German, together with Dictionaries, Encyclopædias, Atlases and other books of reference.

THE COURSES OF STUDY.

The College has four courses of study, three of which lead to the degree of Bachelor of Arts, and the fourth to the degree of Civil Engineer.

The Classical Course combines all the excellences of the time-honored classical course. By immemorial use it has proved its eminent value, and is worthy of the confidence and respect which a long venerated observance gives. For a full and harmonious preparation for the varied professions and employments of life, it is unexcelled. The preparation required for entrance upon this course is three years of Latin, two years of Greek, Mathematics through Geometry, Physiology, Physical Geography and Natural Philosophy, and the usual amount of English and History. The student will see the conditions of admission on another page.

The Scientific Course requires the same preparation as the Classical, but French will be accepted in place of Greek. In the College years, the German Language takes the place of the Freshman and the Sophomore Greek. Additional science is substituted for the Latin of the Sophomore year, and is completed in the Junior year. This course opens up the treasures of Science in the Modern Languages, and by extensive laboratory practice prepares the student for further researches in Science. Young men and women looking toward chairs of Science in schools and colleges will find this course especially adapted to them.

The Course in Latin and Modern Languages requires the same preparation as the Classical, with this exception, that six terms of French are substituted for six terms of Greek in the second and third Preparatory years. Six terms of German are substituted for six terms of Greek in the Freshman and Sophomore years. This course has been adopted in order to accommodate students who prefer to leave out the Greek entirely and give more time to the Modern Languages.

These three courses are further enlarged by the addition of elective studies.

Engineering Course.—The object of this course—which is not parallel to the literary courses—is to fit young men for civil and

mechanical engineering, and to furnish a sound business education. It is well known that the demand for engineers is much greater than the supply. Our graduates have hitherto secured employment immediately after graduation, and, although this department is only six years old some of its graduates have already advanced to honorable and profitable positions. The course is thouroughly practical and adapted not only to those who intend to practice engineering as a profession, but also to the wants of a class of students, having only a common school education and desiring to fit themselves as soon as possible for some of the numerous new pursuits opened by modern invention and science. A full description of this branch of the work of the College will be found on a subsequent page.

Of Mixing Courses.—No student will be permitted to enter upon any other course than the one he is pursuing, without permission of the faculty.

Examinations.—There will be three examinations of classes during the year. The first will be held on the last three days of the fall term ; the second on the last three days of the winter term ; the third will begin a week previous to commencement.

DEPARTMENTS OF INSTRUCTION.

Philosophy and Social Science.—Instruction is given in Mental Philosophy, Logic, History of Philosophy, Constitution of the United States, Social and National Economy, Æsthetics, Moral Philosophy, International Law, Municipal Law and the Science of Language. These subjects of study will be accompanied by lectures, bearing upon certain sections of these branches. The lectures will be familiar, practical talks rather than formal discourses. The aim of the instruction and lectures will be to qualify the student to continue such studies after graduation.

Mathematics and Astronomy.—To the complete course in pure mathematics is added the application of Geometry and Trigonometry to Surveying and Engineering. Compass, Chains, Transit, Level, and all other necessary implements are furnished and practically used in the field. To these branches are devoted five recitations per week through the Freshmen and Sophomore years,

and in the Junior year the subject of Astronomy is pursued. In the Engineering Course much more time is given to practical Engineering. The telescope (the gift of Hon. G. B. Delamater), is an 8-foot refractor, 7½ inch object glass: in power capable of separating minute double stars; manufactured by A. Clark & Son, Cambridge, Mass. The Transit is a fine instrument from the hands of Stackpole Bros., New York. In addition, the College has two sextants, a Transit with Meridian Finder, a Prismatic Compass, and other instruments essential to the Department of Engineering.

Physics and Chemistry.—The leading idea in the instruction given in these subjects is to prepare the student for independent research, upon the theory that such method affords the highest mental discipline and the most satisfactory practical knowledge. Each student, furnished with sufficient material and apparatus to enable him to do so, will pursue his own investigations under such guidance as will secure precision in method and accuracy in results. Illustrated lectures will frequently be given to make the path clear and the labor interesting and successful.

The College has complete facilities for obtaining a thorough elementary knowledge of these branches. The costly and splendid apparatus, kept up to the times by occasional additions, and the laboratories, abundantly provided with chemicals, make these studies unusually attractive and satisfactory. The course in Chemistry, including Mineralogy, requires three consecutive terms; that of Physics three additional terms; in the scientific course chemistry continues through the Junior year and consists of analysis and assaying, and applications of Physics are studied to the end of the Senior year.

Natural History.—Zoology requires the full time of one study for two terms. The work is conducted by regular recitations of five days in each week. The mode of recitation varies as the subjects presented need illustration or lecture. The use of microscopes is freely offered to all who desire to work with them; and when a naturalist is found the greatest care is given to his training. All opportunities of collections and drill are offered, and every effort is made to develop his taste for Natural History subjects. Botany is studied one term each course, and is taught by class-room drill, drawing and analysis of wild flowers. Each

student will be required to prepare, carefully, a herbarium of specimens from the local flora. This gives enough practice to develop any latent natural ability for this study and lays the foundation for future work in the study of plants.

Latin and Greek.—The classical course is extensive and quite equal to that of the best colleges. It is aimed throughout to do thorough and practical work and thereby to afford the requisite preparation for continued study of either or both languages. Accordingly quality rather than quantity is made the great desideratum. It is further borne in mind that in no way can languages generally, and the English especially, be better taught than in connection with the ancient classics, and to this much attention is given. The Preparatory Courses in Greek and Latin extend over two and three years respectively. Such a drill is given upon every point of Grammar that the students acquire a thorough knowledge of this subject and enter fully equipped upon the work of the College. Prose Composition receives especial attention. The College Courses in both Latin and Greek have been extended to three years, so as to afford larger opportunities to those students who wish to make the classics a specialty. Prose Composition is continued through the Freshman year. Judiciously selected portions of both Literatures are studied, and made to furnish a larger and more intimate acquaintance with the languages. The forms and usages of the purest and best writers of the classic period are constantly kept before the minds of students, and with these forms are contrasted those of the earlier and the later periods. In this way the students are enabled to detect readily any deviation from the classic form. The distinctive features of prose and poetry are carefully noted. Prosody is likewise studied in connection with each kind of poetry. Classical Philology and usages form an integral part of the course, and lectures on the Latin and Greek Literatures together with their allied subjects, are delivered before the Freshman and Sophomore classes. An opportunity to take up the study of Sanskrit can be afforded.

Modern Languages.—It is intended that in the two years' study of French and German required, the student shall read as widely as possibly in modern prose, shall study several representative classic works, and shall have a general survey of the whole litera-

ture. The ability to read easily a foreign tongue, and to understand it when spoken, are the two points specially sought. Reading at sight and translating from dictation are constantly required, and comparison of etymologies and derivations is expected to free the student from a too close bondage to dictionaries. Abstracts and paraphrases of the work read, and written translations from English, serve as a drill in French and German composition. After two terms the class exercises are conducted largely in the language studied, thus training at once the ear and tongue.

The following represents the work of the Modern Language department:

German—(1) Otto's Grammar. (2) Otto's Grammar. (3) Im Zwielicht and Otto's Grammar. (4) Freytag's Die Journalisten. (5) Goethe's Hermann und Dorothea. (6)Schiller's Wilhelm Tell. (7) Lessing's Minna von Barnhelm. (8) Schiller's Wallenstein's Tod. (9) Goethe's Faust, part I.

German prose composition twice each week during each of the three years, the text-book for the third year being G. E. Fasnacht's "Progressive German Course, III Year."

German conversation daily from the beginning, with dictation exercises, and, in the third year, letters or essays in German once a week.

French—(1) Chardenal's First French Course. (2) Chardenal's Second French Course. (3) ditto. (4) Knapp's Readings and Fasnacht's Third Year French Course. (5) ditto. (6) Moliere's Le Misanthrope and Fasnacht's Third Year French Course.

French prose composition and conversation twice weekly from the beginning.

Hebrew and Greek Testament.—Candidates for the Christian Ministry may study Hebrew one year, as an elective in the Sophomore or Junior year. It is believed that the student thus taught in Hebrew, and familiar with the Greek classics of the course, can easily fit himself by private study of the Greek Testament and second year Hebrew, to enter upon the second year in the Theological Seminary. Experience has convinced the Faculty that it is best to divide the gain of one year between the substitutions allowed by the College and the special exertions of the student in private study. The Professors of Greek and Hebrew will render such assistance as may be required by students making such private preparations.

ADMISSION AND CLASSIFICATION.

Students entering the Freshman Class will be examined in all Preparatory studies or their equivalents. Candidates for higher standing are examined also in the studies accomplished by the class to which they may desire admission. Certificates of High Schools and Academies of good standing will be accepted in place of examinations in Preparatory studies; but the Faculty reserve the right to require Preparatory work of students who are not able to make satisfactory progress in College classes. High School certificates should be accompanied by a record of the student's standing in the several studies.

Students coming from accredited colleges with honorable dismission, and certificates of scholarship, will present their certificates to the Professors of the several departments. Such examination will be instituted in connection with the certificates as the Professors in the several departments may deem necessary. In all cases students coming from other colleges must present testimonials of good moral character and standing, and a certificate of regular dismission. These should be presented at the time of application. Young men and women are admitted to the Preparatory classes without examination.

Classification.—The classification in the Catalogue is made in May of the last term of the college year, and gives the class rank for the year.

A student having completed the studies of the Preparatory Course, or their equivalent, and of the Freshman year, less three, can take rank as Sophomore. Having completed all the above and the studies of the Sophomore, less two, he can take rank as Sophomore. Having completed all of the above and the studies of the Junior year, less one, he can take rank as a Junior.

Studies pursued in higher classes are offset against studies not pursued in the lower. If, for example, a student has pursued two Sophomore studies, they will be equivalent to any two studies not pursued in the Freshman class. A study means, for purposes of classification, a term's work in any subject. There are three terms of Physics, and each term is a study for the purpose of classification, etc. When a student is dismissed at his own request, he will receive a certificate covering his work in this College.

PREPARATORY INSTRUCTION.

To supply the demand for a systematic and thorough course of study adapted to the preparation of pupils for entrance to College without loss of time, there is in connection with the institution a Preparatory Department. The course requires three years' work, and will compare favorably with any similar school east or west. This department is under the direct superintendence of the President and Faculty of the College. It is believed that no better advantages for a thorough and direct preparation for College can be obtained anywhere than are offered here.

Students who are nearly ready to enter College, prepared in some studies and behind in others, will usually gain time by availing themselves of the privilege of pursuing some studies in the Preparatory Department and others in the College. A whole year is often saved in this way.

All students entering the Preparatory Department should bring letters from pastors or parents, and certificates from their teachers concerning proficiency and standing, and present the same to the President. At the middle and end of each term, parents and guardians are furnished with statements of the conduct and class standing of students in this Department.

MILITARY DEPARTMENT.

All male students below the Junior Class are required to attend Military Instruction, unless excused by the Faculty of the College at the request of parents or guardians, or if of age, at their own request. All requests for excuse should be submitted in writing to the Faculty, and should state the reason for making the request. Students who are excused from military instruction are required to take the same amount of work in some other department. Service above the Sophomore grade is voluntary, but credit is given for it.

Practical Instruction.—The practical instruction in this department consists of drills of three hours in each week. The cadets are exercised and instructed during the year in the Infantry Tactics of the U. S. Army, comprising the School of the Soldier, the School of the Company and School of the Battalion; and in all ceremo-

nies, forms of parade, and reviews and honors to be paid by troops. Instruction in Artillery is given in the School of the Soldier Dismounted, Manual of Piece, Mechanical Manœuvers, and the School of the Battery Dismounted. Breech-loading cadet rifles and accoutrements, and six-pounder brass guns, with all the necessary ammunition are supplied by the Ordnance Department, U. S. Army. Instruction is also given in fencing, target practice, and the duties of guards and sentinels. The drills take place in the latter part of the afternoon, after the close of recitations, and should not interfere in the least with the study hours of the student.

Theoretical Instruction.—The course of theoretical instruction by recitation covers about the same ground as the practical instruction. For the first year students are required to attend the practical instruction and lectures only. After one year's practical work they are expected to attend two recitations per week in Infantry Tactics. In addition to the recitations, lectures on military subjects are given. The course of lectures includes the most important subjects of the Art and Science of War, Ordnance and Gunnery and Field Fortifications.

Uniform, Etc.—All cadets are required to be provided with a uniform, of the pattern prescribed by the Faculty of the College, which will be worn on all drills, parades, etc., and at all practical military instruction. This uniform, which costs about $25.00 complete, need not be considered an extra expense, as the student must be clothed anyway, and not being striking in appearance, it can be worn upon all occasions, and is habitually worn by a great many cadets. It is of good, serviceable cloth, and as a rule will wear much better than an ordinary business suit of the same price. To secure uniformity, it should be procured in Meadville.

The time taken up by military instruction is credited to each cadet just as any other study which he may pursue, and counts as much as any study of an equal number of attendances. That is, one year's practical instruction counts as a full term's work in one study, and the recitations in Tactics, (when taken) count the same in addition.

A certain part of each day should be given up to physical exercise, and it is thought that military drill furnishes one of the most valuable means of exercise and at the same time gives a young man

a tendency to hold himself in an erect manly way, and teaches him habits of neatness, punctuality, obedience, self-control and respect for superiors, which cannot be acquired with such facility by any other means. It teaches *manliness* when a young man most needs such training. At the same time the student is acquiring a valuable knowledge of military matters which may or may not be of use to him. Quite a number of graduates of this college are giving military instruction in other institutions, and in some cases this knowledge has obtained them the positions, and in several cases the want of it has cost graduates good positions.

By the laws of Pennsylvania a graduate, who has taken military instruction for four years, and has held the rank of Cadet Captain for six months at a college to which an officer is detailed by the War Department of the Government, will, upon application, be appointed Brevet Second Lieutenant in the National Guard of the State.

The names of the three graduates of the college most distinguished in Military Science and Tactics each year are published in the Official Register of the U. S. Army, and in General Orders of the Army. Such graduates would have a good basis for application for a civil appointment as an officer in the U. S. Army.

The military knowledge acquired can never come amiss, and in case of the United States being engaged in war, the advantages which would accrue from it would be incalculable. In taking military instruction the student assumes no legal obligation for military service thereafter.

The attention of parents and guardians is called to the importance and value of this Department. While its first object is to instruct the student in the fundamental principles of Military Art, it also gives a mental and physical training which should strongly recommend its advantages to those responsible for the education of young men.

GENERAL INFORMATION.

Religious Culture.—The College was founded by Christian men for the promotion of Christian culture. It believes that education should always include, as its highest aim, the development

of Christian character. It seeks to surround the student with such influences and helps as foster the religious life. Chapel services are held mornings in Ruter Hall, and all students are required to be present. Regular attendance on Sunday mornings at some church (selected by the student or his parents) is also required. A general prayer meeting is held Tuesday evening of each week, lasting one hour, from 7 to 8 o'clock. This meeting is attended by a very large number of the students and by the members of the Faculty. Its results are manifest in the quickening and strengthening of many in the religious life. Prayer meetings, under the care of the Y. M. C. A. of the College, are held on Saturday evening of each week, in their rooms in Bentley Hall. In this way the students are brought into religious association and become interested in one another's religious welfare.

The Students' Y. M. C. A. also holds a meeting in the College every Sunday, from 6 to 7 o'clock p. m., and besides, they conduct religious services weekly, in the County Jail, and in several places in the city and surrounding region, There is also among the young ladies at Hulings Hall a Young Womens' Christian Association whose work is attended with excellent results.

Candidates for the Ministry.—The College has educated a large number of ministers, and more than forty candidates for the ministry are now in its classes. Arrangements are made to give such students as much of a special education as is consistent with the obtaining of a general education. After a solid foundation of disciplinary study has been laid, special study can be made useful; without the foundation the house will be built in vain. Some of the candidates for the ministry are employed in the pulpits of the adjacent country, and are supported by the churches in whole or part, while pursuing their studies. To a limited extent, the president is able to make loans without interest to promising candidates for the ministry. Loans have been made this way to about thirty students during the present year. It is believed that a mature young man can safely and prudently contract a small debt to complete his education. But it is of the first importance that the candidates for the Christian ministry receiving such loans should regard them as debts of honor and conscience. The College does not desire, by means of such loans, to impair the financial integrity of Christian

ministers. On the other hand, a candidate for the ministry need have no hesitation about doing business on a business footing with the loan fund societies. In no case, however, will more than one-half of a young minister's annual expenses be loaned to him. The candidates for the ministry are organized into a society, which holds regular meetings for the study of homiletics and related subjects. At these meetings lectures are delivered by the members of the Faculty and other ministers. During the past year the society has held meetings semi-monthly in Bentley Hall. The subjects discussed have been of a practical and spiritual character, and with a view to inspire the members and help them in the direction of their contemplated calling.

Expenses of Students.—All students pay a term fee of $12 a term. The College does not board gentlemen, but the Faculty will render all possible aid to students in securing comfortable homes. New students are advised to consult the President before engaging rooms.

Students must furnish the President with the Treasurer's receipt, and register their names at the President's office. They will then be given a written permission to enter classes. No student will be received in classes without the President's permission and this permission will not be granted until the term fee has been paid.

In the Laboratory first year students in Chemistry pay $1 00 each a term for use of chemicals and apparatus, and second year students pay $2.50 each.

A fee of $5.00 is paid by every person receiving a degree from the College.

One of the curiosities of the correspondence of a college is that its intending patrons almost invariably ask to be informed about the rates for tuition, but very seldom ask the cost of living. The tuition is never more than one-third of the necessary expenses of a student, and the cost of living is the large and important item. Not satisfied with reducing the College charges to less than one-third of the usual rates in colleges of the first rank, the authorities of Allegheny College have endeavored to effect a large reduction in the cost of living. At one time—in the days of the "oil speculation" —this reduction had to be secured by providing a large dormitory building. When East Hall burned down in 1883, the speculative

era had passed, and it was found that there was plenty of room for young men, at moderate cost, in private families where they may have the influence of a home-life. Good furnished rooms cost each occupant about sixty cents a week, and these rooms are taken care of by the owners and not by the students. On these terms the city has room for at least five hundred students. It would not be possible for the College to do better than this for its students ; and experience proves that herding young men in barracks is not the best way to secure their moral culture.

The young men of the College may board in clubs or in private families ; the latter costing about one-third more than the former. A club is simply an arrangement to divide the cost of table board among the boarders. It is a boarding house conducted on the co-operative principle. Provisions are bought at a discount, and expense is saved by increasing the number of boarders. The club is managed by a commissary, who receives and pays the money, makes all purchases and employs the help. For this service he receives a small weekly payment from each member of the club. The commissary is always a student, and several students work their way through college as commissaries. The cost of good table board is in this way reduced to from $2.00 to $2.50 per week. The estimate for the necessary expenses of a student of either sex is based upon good club board, and is as follows for a term of twelve weeks :

Room Rent, Fuel and Lights,	from	$10 00	to	$18 00
Table Board,	"	24 00	"	30 00
Books,	"	3 00	"	7 00
Term Fee,	"	12 00	"	12 00
Total		$49 67	"	$67 00

To this must be added personal laundry and a small annual expense in the literary society to which the student belongs. Fifty-five dollars per term is believed to be sufficient to cover the necessary expenses. The unnecessary expenses for sweetmeats, oyster suppers, concerts, etc., may be indefinitely greater. But an economical student can live on $55 a term and suffer no social disparagement. The only caste in the College is based on good conduct and good work. The cost of books varies in different terms ; but the average cost per year will not exceed $15.

Club Rules.—The club commissaries of the College have agreed upon the following rules :

1. Every member of the club must deposit $10 when he enters the club, and at the opening of every term.

2. Each member must also pay at the end of the first and second months of each term the full amount of his share of the expenses for each month.

3. The deposit of $10 will be applied as far as may be needed to the expenses of the third month of the term.

These regulations are necessary to enable the commissaries to buy advantageously for cash, and to relieve all members of all risks from bad debts. There are no profits ; therefore there can be no losses. A student dismissed from one club for slackness in meeting his obligations will not be admitted to any other. The club system is worth at least forty dollars a year to each student. It is therefore to the interest of all to support the system by prompt payment.

Self Help.—Young men help themselves in several ways. About twenty of the present students are paying their expenses in whole or in part. There are ten or twelve employed in light work connected with College or the boarding clubs. Others are serving churches in the neighborhood of Meadville. It is the policy of the College to help students to help themselves, and at the same time to keep the expenses as low as is consistent with comfort and health. As a rule, a student should have at least $100 in hand, or in prospect, when he enters ; if he has pluck, health and studious habits, he will usually be able to go through College.

Expenses of Ladies.—The expenses of ladies are about the same as those of gentlemen. They pay in Hulings Hall for furnished rooms, heat and light, about the same rate as gentlemen pay in private houses. Each should bring with her the following articles : Sheets, pillow cases and bed-covering ; towels, napkins, knife, fork and spoons. The rooms are furnished with beds, mattresses, pillows, chairs and tables.

The Hall is in charge of a lady principal, under the direction of the Faculty. The building will be kept in good condition, and all required additions made to the furniture and carpets.

It is believed that the sanitary condition of the building is perfect.

The cost of board (including room, heat, light, and table) in Hulings Hall ranges (according to rooms occupied) from $3.25 to $4.00 per week. If a student occupies a room alone from fifteen to twenty-five per cent will be added to the above prices. An advance payment of $20 is required at the beginning of each term and as much more at the middle of the term.

The regulations for the visits of gentlemen at the Hall are simply those of respectable families. There are proper hours for calling and visiting in the parlors of the hall, and in respect to all social matters, the Lady Principal will carry out the instructions of the parents of the young ladies. Young ladies are allowed the freedom which they would have at home. Whatever would be unladylike is forbidden; whatever prudent and affectionate parents permit is allowed. Ladies not living at home or with relations must live in Hulings Hall.

Important Regulations.—The President does not excuse any student from any duties in his class. Those who wish to leave town must obtain the permission of the President. They must also obtain the assent of the instructors of their several classes. When special requests are made to the President they are understood to be made to the Faculty; and the proper form of such requests is a written application for the desired excuse or favor, and this written request should set forth plainly the reasons for it.

Special Examinations.—Students desiring special examinations are required to make application for the same at least one month before such desired examination, and no student will be allowed more than three special examinations in one year.

Number of Studies.—Every student must have not less than three studies. No student can take more than four studies without the special permission of the Faculty upon written request. This request will generally be refused; very few students are able to pursue more than four studies at one time. The effort to study five or six impairs scholarship in all. It is better not to graduate than to do so on the cramming system.

Literary Societies.—There are three Literary Societies: The Allegheny, Philo-Franklin, Ossoli (the ladies society). The Societies have their respective halls and libraries. The libraries contain about 3,000 volumes. The societies hold public literary

exercises and prize contests in the Chapel. These societies render the College efficient service in the literary and forensic training of students, and the society friendships are invaluable to their members. The regular meetings are held on Friday evenings.

The Weekly Holiday.—The sessions of the College are held on Tuesdays, Wednesdays, Thursdays, Fridays and Saturdays, leaving Monday instead of Saturday for rest. This plan has been in use for the past six years, and is greatly preferred by teachers and students. It is adapted to the wants of students in towns adjacent to Meadville—within forty or fifty miles—who desire to spend Sunday at home. The railroads furnish mileage tickets at reduced rates, and the clubs make a deduction for absence from the boarding tables. The cost of spending Sunday at home is in this way made small. This plan is commended to the attention of parents who may be so situated as to be able to avail themselves of its obvious advantages.

Degrees.—The degree of Bachelor of Arts is conferred upon those who complete, in a satisfactory manner, either of the three courses, Classical, Scientific, Latin and Modern Languages.

The degree of Civil Engineer is conferred upon those who complete the engineering course.

The degree of Master of Arts may be conferred in course on every Bachelor of Arts of three years' standing, who has been engaged since his graduation in some literary occupation, and has sustained a good moral character. Applications should be made to the President as early as the first of June, accompanied by the usual fee of five dollars.

The Master's degree may also be conferred, *pro merito*, one year after graduation upon any Bachelor of Arts who completes the studies of the first year of one of the post-graduate courses and complies with the conditions prescribed in the post-graduate circular.

The degree of Doctor of Philosophy is conferred upon graduates of colleges who pass satisfactory examinations in the studies prescribed for this degree.

THE COLLEGE COURSES.

ADMISSION.—Candidates for admission to the Freshman Class are required to pass a satisfactory examination in the following subjects :

LATIN.	Latin Grammar including Prosody—Allen & Greenough. Latin Prose Composition, Collar. Cæsar—Four Books. Sallust—Catilinarian War. Cicero—Eight Orations. Virgil—Six Books of Æneid.	
GREEK.	Greek Grammar—Goodwin's preferred. Xenophon—Anabasis, seven books complete and Prose Composition, Allinson, Parts I and II.	*or*
FRENCH.	Two years for the Latin and Modern Language Course. For the Scientific Course two years of French will be accepted in place of Greek.	
MATHEMATICS.	Arithmetic. Algebra—Wentworth. Geometry—Newcomb.	
HISTORY.	United States History, Johnston's. History of the World, History of Greece, Rome and England, as much as is found in Meyer's General History.	
ENGLISH.	English Grammar. English Literature. Rhetoric—Clark. Civil Government—Macey.	
SCIENCE.	Physiology—Walker. Physical Geography—Maury. Natural Philosophy—Gage.	

Students who are deficient in some studies and feel that they are able to make them up, may be classed as Freshmen, conditionally.

Works of equal grade will be accepted in place of those named.

PREPARATORY SCHOOL--Courses of Study.

NOTE.—Classical students will take Greek; Latin and Modern Language students will take French, and Scientific students will take either Greek or French. In the Latin and Modern Language Course, an equivalent amount of Music, certified to by the Director of the Conservatory, will be accepted in place of certain studies to be designated by the Faculty. Six English Essays are required of every student each year.

	FIRST YEAR.	SECOND YEAR.	THIRD YEAR.
FIRST TERM.	Military Drill. Latin Grammar and Lessons. Arithmetic. English Grammar and Composition. Physiology.	Military Drill. Cæsar and Latin Composition. Algebra I. Natural Philosophy. Greek I. or French I.	Military Drill. Cicero and Latin Composition. Advanced Algebra and Elementary Determinants. Elementary Rhetoric. Anabasis and Greek Composition or French IV.
SECOND TERM.	Military Drill. Latin Grammar and Lessons. Complete Arithmetic. English Grammar and Composition. United States History.	Military Drill. Sallust and Latin Composition. Algebra II. General History. Greek II. or French II.	Military Drill. Virgil and Mythology. Plane Geometry. English Literature. Anabasis and Greek Composition or French V.
THIRD TERM.	Military Drill Cæsar and Latin Composition. Complete Arithmetic. United States History and Civil Government. Physical Geography.	Military Drill. Cicero and Latin Composition. Algebra III. General History. Anabasis and Greek Composition or French III.	Military Drill. Virgil and Mythology. Solid and Spherical Geometry. English Literature. Xenophon or Lysias or French VI.

For Drill and Tactics equivalent exemptions will be allowed in other studies of the course. The subjects for which military training and study may be substituted will be designated in each case by the Faculty. A list of these studies will appear in the Cadets' Manual.

COURSES OF STUDY--Junior Year.

An Average of Eighteen Exercises a Week Required. Students who omit Sophomore Mathematics must take Junior German.

	CLASSICAL	SCIENTIFIC.	LATIN AND MODERN LANGUAGES.
FIRST TERM.	Physics. 5 Advanced Rhetoric. 3 Civil Liberty. 3 ELECTIVES. German IV. 5 Terence: Adelphi. 2 Aeschylus: Prometheus Vinctus. 2 Mediæval History. 3 Integral Calculus. 3 Elocution. 2	Physics. 5 Chemistry—Quantity and Quality. 3 ELECTIVES. Integral Calculus. 3 Advanced Rhetoric. 3 German VII. 5 Civil Liberty. 3 Mediæval History. 3	Physics. 5 Advanced Rhetoric. 3 ELECTIVES. Civil Liberty. 3 German VII. 5 Mediæval History. 3 Integral Calculus. 3 Chemistry Quantity and Quality. 3 Terence: Adelphi. 3 Elocution. 2
SECOND TERM.	Physics. 5 Evidences of Christianity. 2 ELECTIVES. Modern History. 3 German V. 5 English Philology. 3 Plautus: Captivi. 2 Plato: Protagoras. 2 Elocution. 2	Physics. 5 Chemistry—Quantity and Quality. 3 Evidences of Christianity. 2 ELECTIVES. German VIII. 5 Modern History. 3 English Philology. 3	Physics. 5 Evidences of Christianity. 2 ELECTIVES. German VIII. 5 Modern History. 3 English Philololgy. 3 Plautus: Captivi. 2 Chemistry—Quantity and Quality. 3 Elocution. 2
THIRD TERM.	Physics.. 5 History of Civilization. 3 ELECTIVES. Astronomy. 5 Shakespeare. 2 German VI. 5 Cicero: De Oratore. 2 Aristophanes—The Clouds. 2 Elocution. 2	Physics. 5 Astronomy. 5 Chemistry—Assaying. 3 ELECTIVES. German IX. 5 History of Civilization. 3 Shakespeare. 2	Physics. 5 History of Civilization. 3 ELECTIVES. German IX. 5 Astronomy. 5 Shakespeare. 2 Cicero: De Oratore. 2 Chemistry—Assaying. 3 Elocution. 2

COURSES OF STUDY--Senior Year.

All studies are required.

	CLASSICAL.	SCIENTIFIC.	LATIN AND MODERN LANGUAGES.
FIRST TERM.	Metaphysics. 5 Bible Study. 3 English Literature. 2 Constitutional Law. 2 Political Economy. 3	Metaphysics. 5 Advanced Physics. 3 English Literature. 2 Constitutional Law. 2 Political Economy. 3	Metaphysics. 5 Bible Study. 3 English Literature. 2 Constitutional Law. 2 Political Economy. 3
SECOND TERM.	Geology. 3 Political Economy. 3 Metaphysics and History of Philosophy. 3 English Literature. 2 Municipal Law. 2 Logic. 3	Geology. 3 Political Economy. 3 Metaphysics and History of Philosophy. 3 Advanced Physics. 3 Municipal Law. 2 Logic. 3	Geology. 3 Political Economy. 3 Metaphysics and History of Philosophy. 3 English Literature. 2 Municipal Law. 2 Logic. 3
THIRD TERM.	Moral Philosophy. 3 International Law. 2 Geology. 4 Science of Language. 2 American Literature. 2 Aesthetics. 4	Moral Philosophy. 3 International Law. 2 Geology. 4 Advanced Physics. 3 Aesthetics. 4 American Literature. 2	Moral Philosophy. 3 International Law. 2 Geology. 4 Science of Language. 2 American Literature. 2 Aesthetics. 4

ENGINEERING COURSE.

FOR ADMISSION:—Arithmetic, Algebra, Plane and Solid Geometry, Descriptive and Physical Geography, Natural Philosophy, Physiology, English Grammar, History of the United States and Civil Government.

	FRESHMAN YEAR.	SOPHOMORE YEAR.	JUNIOR YEAR.	SENIOR YEAR.
FIRST TERM.	Graphics—Freehand Drawing. 5 Mathematics—Solid and Spheric Geometry Reviewed. Original Propositions in Geometry. Application of Algebra to Geometry. Geometric Conic Sections. 5 Science—Zoology. 5 Military—Drill and Tactics. Elective—French, German, Latin, or Mediæval History. 5	Graphics—Descriptive Geometry. Spherical Projections. Shades and Shadows. Perspective. 5 Mathematics—Analytical Geometry. 5 Science—Chemistry. 5 Military—Drill and Tactics. Elective—French, German, Latin, or Advanced Botany.	Graphics—Plotting, Mapping, Topographical Drawing. 4 Mathematics—Advanced Surveying. 5 Integral Calculus. 3 Science—Physics. 5 Chemistry, Quan. and Qual. 3	Science—Geology. 4 Advanced Physics. 3 Engineering—Bridges and Roofs. 5 Literary—English Literature. 2 Constitutional Law. 2
SECOND TERM.	Graphics—Mechanical Drawing. 5 Mathematics—Plane Trigonometry. 5 Science—Zoology. 5 Military—Drill and Tactics. Elective—French, German, Latin, or Modern History. 5	Graphics—Machine Drawing. 5 Mathematics—Analytical Geometry. 5 Science—Chemistry and Mineralogy. 5 Military—Drill and Tactics. Elective—French, German, Latin, or Biology. 5	Science—Physics. 5 Chemistry, Quan. and Qual. 3 Mechanics. 5 Engineering—Roads, Streets and Pavements. 5	Science—Geology. 3 Advanced Physics. 3 Engineering—Wheeler's Civil Engineering. 5 Literary—English Literature. 2 Logic. 3
THIRD TERM.	Graphics—Descriptive Geometry. 5 Mathematics—Spherical Trigonometry. 5 Surveying. 5 Military—Drill and Tactics. Elective—French, German, Latin, or Botany. 5	Graphics—Machine Drawing. 5 Mathematics—Differential Calculus. 5 Science—Chemistry and Mineralogy. 5 Military—Drill and Tactics. Elective—French, German, Latin or Microscopy. 5	Science—Physics. 5 Chemistry, Assaying. 3 Engineering—R. R. Engineering. 5 Henck's Field Book. Wellington's R. W. Earthwork. R. R. Engineer's Practice. 5	Science—Astronomy. 5 Advanced Physics. 3 Engineering—Resistance of Materials. 3 Graphics—Stereotomy. 3 Architectural Drawing, from Plates. 2 Thesis on some professional topic during the year.

N. B.—Students are advised to elect French or German. Studies not marked Elective are required, and enough must be elected to make twenty recitations a week through the Freshman and Sophomore years. In the Junior and Senior years all studies are required. The numerals denote the number of recitations a week.

For Drill and Tactics equivalent exemptions will be allowed in other studies of the course. The subjects for which military training and study may be substituted will be designated in each case by the Faculty. A list of these studies will appear in the Cadets' Manual.

REGISTER OF STUDENTS.

POST-GRADUATE.

NAME.	RESIDENCE.
Allison, Thomas B.,	Ebensburg
Anderson, John Robert,	Randolph, N. Y.
Baker, W. A.,	Clark's Mills
Bash, Appleton,	Springdale
Bird, Levi,	Canoga, N. Y.
Darling, Ira D.,	Randolph
Deane, Charles W.,	Sioux City, Iowa
Deavor, W. T. S.,	Silver Brook
Doane, L. L.,	Warren
Dryden, M. F.,	Wheeling, W. Va.
Espy, J. Boyd,	Fredonia, N. Y.
Espy, H. Boyd,	Fredonia, N. Y.
Fradenburgh, Lillian F.,	Warren
Fuller, George H.,	Chardon, Ohio
Gallup, William H.,	Wellsville, Ohio
Gordon, Samuel M.,	Slippery Rock
Grote, Charles A.,	Greensboro, Alabama
Graves, William R.,	Scranton
Hall, Henry H.,	Fort Reno, Oklahoma
Hess, J. Henry,	Grafton, W. Va.
Hill, Charles C.,	Clymer, N. Y.
Hood, James E.,	Millers
Johnson, Delbert L.,	Freeport
Jones, Edwin R.,	North Bloomfield, Ohio
McCaughtry, James D.,	Stanton, Ill.
Mead, Wesley, G.,	Allegheny City
Metcalf, J. D.,	Meadville
Mitchell, Walter,	Wellsburg, W. Va.
Mitchell, C. B.,	Plainfield, N. J.
Moore, John W.,	West Farmington, Ohio

Students whose names are followed by (E) are are in the Civil Engineering Course. The others are in A. B. Courses.

Murray, W. P., ... Little Valley, N. Y.
O'Connor, David C., ... Arlington, Neb.
Parsons, J. Arnold, ... Corry
Perry, Bedford L., ... Centerville
Phillips, Taylor F., ... East Palestine, Ohio
Prather, Silas Hancox, . . . Ellington, N. Y.
Proctor, Charles W., . . . Chestertown, Md.
Reed, Jennie E., ... Bloomington, Ill.
Reynolds, Grafton T., . . . Mansfield Valley
Rice, Myrtie A. E., ... Westfield, N. Y.
Scherer, Melancthon G. G., . . Grafton, W. Va.
Strayer, J. P., ... Cambridgeboro
Strayer, Mary J., ... Cambridgeboro
Sturdevant, James W., ... Meadville
Tannehill, Norman B., ... Freeport
Thayer, Chas., . . . Chautauqua, N. Y.
Wood, Emory M., . . . Baldwin City, Kan.
Wood, John A., Jr., . . . Wilkinsburg
Wright, George I., ... Meadville

SENIORS.

Adams, Robert Thompson, ... Porter
Brown, Manley O., ... Greenville
Burgess, Alfred Samuel, (E) . . . Meadville
Byers, Henry Booth, . . . Cooperstown
Couse, Howard A., ... Tidioute
Davis, Virginia, ... Kingsville, O.
Ehrenfeld, James Gilbert, (E) . . . Greensburg
Freeman, Charles C., ... Espyville
Gibson, John Arthur, . . . Blooming Valley
Griffen, William B., ... Franklin
Gundy, Fred W., . . . Wesi Middlesex
Household, Gertrude Vina, . . . West Newton
Howe, Charles L., ... Meadville
Jewell, Charles Sherman, . . . Ravenna, O.
Johnson, Charles Harmany, (E) . . . New Castle
Knox, John Ahmed, (E) . . . Alverado, Texas
McClelland, Alvin Oren, ... Thornhill
McFate, Frank J., (E) . . . Cochranton

Miller, Clarence Lynnwood, . . . St. Louis, Mo.
Miller, Edward Everett, ... Du Bois
Miller, Henrietta, ... Brownsville
Mount, Carrie Francis, ... Oil City
Patterson, Pressly C., (E) . . Cambridge, O.
Porter, William Edgar, ... Meadville
Ross, Clarence F., ... Mill Village
Warner, Mary, ... Meadville
Whitfield, Homer David, ... Pittsburg
Wood, Simpson Horner, ... Pittsburg
Youngson, William Wallace, . . . Pittsburg

JUNIORS.

Allen, Sara D., ... Meadville
Barcus, William Elmer, . . . Cheswold, Del.
Black, Frank Willis, ... Bruin
Coder, Anna, ... Meadville
Dorworth, Hugh C., (E) . . . Oil City
Eighmy, Lee W., (E) . . . . Springboro
Fox, Robert F., (E) . . . . Meadville
Luse, Charles H., ... Carmichaels
McBride, John Lewis, ... Seneca
McNees, D. Lowrie, ... West Liberty
Metcalf, Ben H., ... Meadville
Pickett, William C., ... Meadville
Rand, Herbert W., (E) . . . . Oil City
Ray, George S., ... Meadville
Sisley, Frank H., ... Meadville
Talman, Leon, ... Meadville

SOPHOMORES.

Beardsley, Reed Dewayne, (E) . . Meadville
Campbell, James W., (E) . . . Kane
Chesbro, Ellis J., . . . Sheridan, N. Y.
Cotton, Harry A., ... Meadville
Cummings, Birde Evelyn, . . . Geneva
Daniels, Warren S., ... Denver, Colo.

Darragh, Robert W., ... Beaver
Davis, George S., (E) . . . . Meadville
Douthitt, Theodore A., . . . North Sewickley
Dunn, Anna, ... Meadville
Dunn, John H., ... Harthegig
Edson, Julia, ... Meadville
Freeman, Henry, (E) . . . . Espyville
Frey, Jean, ... Meadville
Gelvin, Leida M., ... Meadville
Gelvin, Vernice G., ... Meadville
Harper, Edgar P., ... North Hope
Harper, Florence, ... Meadville
Henderson, Grace, ... Allegheny
Heydrick, Benjamin A., ... Meadville
Howard, Clara B., ... Chardon, O.
Humes, S. C., ... Cochranton
Jones, James L., ... Ingleside
Kurtz, Robert M., ... Cleveland, O.
Leffingwell, Wallace C., . . . Kinsman, O.
Lytle, Edgar F., ... Meadville
Merchant, Willis J., ... Grove City
Minniss, George S., (E) . . . . Bradford
Nickerson, Elmer S., ... Hadley
Oswalt, B. Frank, ... Garrettsville, O.
Peffer, Crawford Alberti, ... Covode
Pierce, Bertha Garetta, ... Erie
Pierce, Gertrude Ruth, ... Erie
Reisinger, Paul A., ... Meadville
Shryock, George A., (E) . . . . Meadville
Shatto, Charles A., ... Brookfield, O.
Spencer, John C., ... Hayfield
Watson, R. Belle, ... New Castle
West, Ferd D., ... Meadville

FRESHMEN.

Babcock, Fred W., (E) . . . . Meadville
Bascom, Elva, ... Meadville
Bell, Chauncey F., ... Meadville

Bird, George W., ... Wilkesbarre
Blackmarr, Frank H., . . . Jamestown, N. Y.
Byerley, Minnie, ... Sharpsville
Calvin, Arthur, ... Meadville
Cooper, Rebecca, ... Meadville
Cumings, Henry H., Jr., . . . Tidioute
Danforth, John L., ... Warren
Davis, Alden O., ... Coal Center
Derby, George G., ... Meadville
Dickey, Clinton M., ... Hartstown
Dickson, Eva B., ... Blooming Valley
Diffin, Harriett A., ... Meadville
Douds, William S., ... Calvin's Corners
Eagleson, Norbert M., ... Meadville
Edson, Amanda, ... Meadville
Farrell, Tracy C., ... Meadville
Gamble, Bruce, (E) . . . . Mosiertown
Gibson, William H., (E) . . Blooming Valley
Harper, Margaret, ... Meadville
Hassler, Anna Belle, ... Meadville
Higley, Elmer, ... Conneautville
Holman, Louis A. (E) . . . . Mill Village
Howe, John K., ... Tarentum
Jaynes, Edwin W., (E) . . . Olympia, Wash.
Johnson, Maude M., . . . West Middlesex
Laffer, Eva, ... Meadville
Langley, Myrna C., ... Edinboro
Mount, Winifred, ... Oil City
Mowry, Edgar D., ... Gowanda, N. Y.
Murphy, Frank H., (E) . . . Millerstown
Palmer, Frederick, ... Jamestown, N. Y.
Patchin, Harry R., ... Chardon, O.
Porter, James Bennett, (E) . . . Meadville
Scofield, William H., ... Hartfield
Scott, Flossie, ... Baldwin
Shaw, Charles Edward, . . . Mannington, W. Va.
Smith, Edward V., (E) . . . Meadville
Snyder, C. Byron, (E) . . . North Bloomfield

Staples, Arthur, ... Kane
Starr, David L., ... Bellevue
Thrasher, Bas..a E., ... Chardon, O.
Urich, Mary, ... Meadville
Ward, Bertha E., ... Franklin
Wilkenson, Maud, ... Meadville
Zinck, Carl J. C., ... Meadville

THIRD PREPARATORY.

Austin, Shirley, ... Meadville
Bates, Walter Irving, ... Meadville
Berlin, William C. K., ... Franklin
Campbell, Clara, ... Kane
Campbell, Robert J., . . . North Clarendon
Carew, Clement J., ... Meadville
Crawford, Edna, ... Wampum
Derickson, Richard B., (E) . . . Meadville
Edwards, Jessie D., . . . Orangeville, O.
Frisby, Ida, ... Meadville
Foster, George L., . . . Jamestown, N. Y.
Fritchman, Elizabeth, . . . West Newton
Garnett, Charles M., . . . Cottage, N. Y.
Goodwin, Harry K., ... Cleveland, O.
Haseltine, Burton D., ... Cochranton
Haskell, Frank N., ... Pleasantville
Hatch, Ralph T., . . . Garrettsville, O.
Helm, Clemence, (E) . . . . Tidioute
Hensel, M. Wesley, . . . New Alexandria
Howe, Marion, ... Meadville
Howells, Ella R., ... Kane
Klingensmith, J. Arthur, . . . Greensburg
Latshaw, David G., ... Greenville
Lewis, George M., ... Panama, N. Y.
Martin, Carl F., (E) . . . . Pittsfield
McElroy, Fred W., (E) . . . Smethport
McFarland, Harry, (E) . . . . Meadville
Murphy, William R., . . . St. Petersburg

Newmaker, Frank, (E) . . . . Pittsfield
Nichols, George T., ... Lebanon, Kan.
Pickard, Ray F., (E) . . . . Meadville
Plummer, Ralph W., . . . Chicago, Ill.
Rich, John Russell, ... Union City
Rodkey, S. Elmer, ... Mitchell's Mills
Ryan, Augustus E., ... Meadville
Shaffer, Linda M., ... Meadville
Thompson, Florine, ... Erie
Townsend, Paul A., ... Beatty
Virtue, Charles W., ... Guy's Mills
Wiard, Alfred H., ... Crossingville

SECOND PREPARATORY.

Ames, Fisher, ... St. Paul, Minn.
Bole, William D., ... Venango
Bowman, Gail G., ... Mill Village
Burnham, Royal, ... Panama, N. Y.
Chatley, Bert M., ... Milledgeville
Crary, Miner D., ... Sheffield
Crittenden, Alice, ... Conneaut, O.
Davidson, Eva, ... Rock Point
Donley, Margaret M., ... Mt. Morris
Duncan, William W., ... Bolivar
Dunmire, Charles B., ... Clark
Elliott, Merton, ... Ridgway
Finley, James R., ... Meadville
Gorton, Robert E., ... Torpedo
Grace, John N., ... Ingram
Hayes, Maud B., ... Baldwin
Heller, Glenn C., ... Saegertown
Hemsley, Charles E., ... Philadelphia
Henry, John B., ... Wesleyville
Holman, Jennie, ... Meadville
Homer, F. LeRoy, ... New Hamburg
Irvin, James, ... Meadville
Johnson, Charles Victor, . . . Venango
Kelley, Chauncey R.. . . . Meadville

Kittle, James S., ... Titusville
Larson, Louis A., ... Kane
Ledebur, Amos F., ... East Hickory
Livermore, Frank B., ... Corry
Luse, Jesse B., ... Carmichaels
Malone, Maude H., ... Mt. Jewett, Pa.
Manett, Eula, ... Wilcox
McDade, William Walter, ... Kane
McQuiston, Jennie B., ... Hartstown
Mueller, William H., ... Black Ash
Murphy, Anna, ... Millerstown
Nesbit, John L., ... Utica
Pachedjieff, Kosta J., ... Bulgaria
Parker, Thomas U., ... Emsworth
Pease, Edmund J., . . . Panama, N. Y.
Pierson, Harry, Jr., ... Meadville
Porter, Arthur L., ... Meadville
Porter, George W., ... Meadville
Porter, Robert P., ... Meadville
Porter, Walter G., ... Meadville
Schauweker, John J., ... Meadville
Scott, Henry S., ... Jefferson Center
Stackpole, Elbia G., ... Venango
Stevenson, Frank D., . . . Leech's Corners
Swearer, Wilbur C., ... Brownsville
Trumper, Frank Richard, ... Meadville
Trumper, Grace, ... Meadville
Williams, Clyde L., ... Cornelian, O.
Wineman, Frederick G. H., ... Derry

FIRST PREPARATORY.

Beals, Robert T., ... Bear Lake
Bunce, Charles L., ... Meadville
Bush, Genevieve, ... Pittsburg
Carr, John, ... Meadville
Croissant, DeWitt C., . . . Washington, D. C.
Cunningham, Robert B., . . . Wurtemburg

Dickson, Nevin R., ... Meadville
Frisby, Sadie, ... Meadville
Furbee, Burt., ... Mannington, W. Va.
Hill, John S., ... Hazel Park, Minn.
Kahle, Eugene, ... Venus
Kitt, Elias P., ... Canton, O.
Koen, Bessie, ... Mannington, W. Va.
Koen, Homer R., . . . Mannington, W. Va.
McCloskey, Daniel, ... Meadville
Morris, Joseph D., ... Meadville
Pachedjieff, John J., ... Bulgaria
Pierce, Jerry, ... Sandford
Reeves, Amelia, . . . Mannington, W. Va.
Reeves, Lucy, ... Mannington, W. Va.
Weaver, George W., ... Emlenton

UNCLASSIFIED.

Baum, Letitia W., ... Dempseytown
Davis, Cora, ... Kane
Davis, Almeda, ... Kane
Davis, Lydia E., ... Sandy Lake
Donley, Leanna, ... Mt. Morris
Donley, Meda, ... Mt. Morris
Graham, May, ... Meadville
Henderson, Maud C., . . . Dempseytown
Kerr, Sadie M., ... Franklin
Manett, Lillian, ... Wilcox
McMichael, Bird, . . . Barnhart's Mills
Monroe, Anna, ... North Clarendon
Morris, Juliet E., ... Meadville
Murphy, Grace, ... Kinzua
Murphy, May. . . . . Kinzua
Pickard, Fern, ... Meadville
Poux, Louise, ... Meadville
Reed, Elsie, ... Butler
Shadle, Laura M., ... Kittanning
Whitney, May, ... Pittsfield

SUMMARY.

STUDENTS IN COLLEGE:		
Post Graduate,	49	
Seniors,	29	
Juniors,	16	
Sophomores,	39	
Freshmen,	48	
	—	181
PREPARATORY SCHOOL:		
Third Preparatory,	40	
Second Preparatory,	53	
First Preparatory,	21	
	—	114
UNCLASSIFIED,	-	20
Total,		315

PRIZES AWARDED 1890-91.

ALLEGHENY LITERARY SOCIETY.

Fisk Declamation Prize, - - - W. W. Youngson
Chautauquan Oration Prize, - - - John A. Gibson
Alumni Essay Prize, - - - B. A. Heydrick

PHILO-FRANKLIN SOCIETY.

Polyhymnian Declamation Prize - - E. E. Miller
Centenary Oration Prize, - - - Clarence F. Ross
Kalamathean Essay Prize, - - - H. H. Critchlow
Alumni Essay Prize, - - - F. A. Collins

OSSOLI LITERARY SOCIETY.

Alumnæ Declamation Prize, - - - May Warner

POST-GRADUATE DEPARTMENT.

FACULTY.

D. H. WHEELER, LL.D., Dean.
J. H. MONTGOMERY, Ph. D.
J. C. FIELDS, Ph. D.
J. S. TRUEMAN, Ph. D.
J. W. THOMAS, A. M.

EXPLANATORY NOTES.

I. Graduates of reputable colleges completing the first year in one of the courses will receive the degree of Master of Arts *pro merito*.

II. Graduates of reputable colleges completing the three years of any course will receive the degree of Doctor of Philosophy *pro merito*.

III. Students who may have received a classical education, but have not graduated, may be admitted to pursue these courses to the degree of Doctor of Philosophy by a vote of the Faculty, but every such case will be considered upon its merits. Such applicants are requested to make a carefully detailed statement of the subjects they have studied, when they apply for admission to the department. Such applicants must be at least thirty years of age before they receive the degree. The A. M. *pro merito* is conferred upon graduates only. See I.

IV. Applications for admission to the course must be accompanied by the entrance fee of five dollars.

V. Students who have passed to the degree of Master of Arts *pro merito* in this Department, are not required to pay the entrance fee for the degree of Doctor of Philosophy.

VI. Examinations occur in Meadville the week before Commencement, in each year, and a fee of ten dollars is paid for exam-

ination upon each year's course. Another time may be arranged for by correspondence. In some of the courses arrangements may be made for examinations upon abstracts of subjects studied. (See X.)

VII. A fee of five dollars is paid for each diploma.

VIII. The whole cost of the Master's degree, including entrance fee and diploma, is twenty dollars; the whole cost of the Doctor's degree is forty dollars; of both degrees, forty-five dollars. Examination fees are due at the end of each year's course.

IX. Mixing courses, or selecting from two or more, is not permitted; a measure of proficiency in some one department of knowledge is the basis on which the *pro merito* degrees are conferred.

X. Students may receive special instructions respecting methods of study by application to the Dean; but the following general rule will be found sufficient in most cases. Read each work carefully, make a full and careful abstract of it, and present these abstracts at the end of each year to the examiner. The abstracts will, in most cases, aid in the examinations, and the making of them will fix the more important parts of such subject in the memory.

XI. The examinations may be taken all at once; but the degree of Master of Arts will not be conferred until one year after graduation to A. B., and the degree of Doctor of Philosophy will not be conferred until three years after graduation to A. B. Students may devote more than three years to the course; only the minimum of time is fixed.

XII. A Thesis must be written and presented to the examiner by every candidate before the degree is conferred. The subjects for theses will be assigned by the several examiners.

XIII. Applicants for admission to these courses will receive blank registration papers to be properly filled up and returned to the Dean, who will then assign each student to the member of the Faculty having charge of the course selected, for direction in his studies.

XIV. Most of the works named in the courses are published in this country. The student can obtain them through any book dealer, or by sending direct to the publisher. In the case of foreign books, any prominent dealer will import them.

XV. All examination papers and theses are the property of the College, and are filed for preservation.

XVI. In some cases, other works will be accepted, when they are considered equivalent to those prescribed.

XVII. The circulars containing outlines of the courses (ten in number) will be furnished by the Dean of the Post Graduate Faculty.

Address correspondenee to Dr. D. H. Wheeler, Dean of the Post Graduate Faculty.

7—49

CALENDAR FOR 1891-92.

June 18, 19, 20, . . . Annual Examinations

June 21, 10:45 a. m., . . Baccalaureate Sermon
By President D. H. Wheeler, LL. D.

June 21, 7:45 p. m., Annual Sermon before College Y. M. C. A.
By Rev. D. H. Moore, LL. D., Editor of *Western Christian Advocate.*

June 22, 2 p. m., ... Field Day

June 22, 8:00 p. m., . . . Inter-Society Contest

June 23, 8:45 a. m., . . Annual Drill of Cadet Corps

June 23, 3:30 p. m., . Annual Meeting of Board of Control

June 23, 8:00 p. m., . . . Senior Class Day

June 24, 9:30 a. m., Annual Meeting of Board of Trustees

June 24, 2:00 p. m., . . Meeting of Alumni Association

June 24, 8:00 p. m., Annual Concert of Conservatory of Music

June 25, 10:00 a. m., . Commencement Exercises

SUMMER VACATION.

September 15, Tuesday, 9:00 a. m., . Fall Term Begins

December 18, Friday. . . . Fall Term Ends

WINTER VACATION.

January 5, 1892, Tuesday, . . Winter term Begins

March 25, Friday, . . . Winter Term Ends

SPRING VACATION.

April 5, Tuesday, . . . Spring Term Begins

June 30, Thursday, ... Commencement

INSTITUTIONS

CO-OPERATING WITH

ALLEGHENY

COLLEGE.

MEADVILLE
CONSERVATORY OF MUSIC.

FACULTY.

MRS. JUVIA C. HULL,
DIRECTOR.
Voice Culture, Oratorio, Concert Singing.

J. WILLIS CONANT,
Piano, Organ, Theory, Harmony, Sight Singing.

MARY R. PINNEY,
Piano.

FRED. B. NICHOLS,
Violin and all Stringed Orchestral Instruments.

HELEN F. NICHOLS,
Banjo and Guitar.

F. P. BOYNTON,
Cornet and all Brass Instruments.

*_____
Painting and Drawing.

MLLE. LOUISE POUX,
French.

M. BLANCHE BEST,
Physical Culture.

*Negotiations Pending.

GENERAL DESCRIPTION.

At the annual meeting, June 23, 1886, the Trustees of Allegheny College authorized the affiliation of the Meadville Conservatory of Music with the College. Each of the institutions remains under its own management, having separate charters and boards of trustees, but students in each may avail themselves of the advantages of the other.

Students in the Preparatory School may also study music in the Conservatory. In the preparation for the Latin and Modern Language Course, students may elect two years of Music as a subsitute for Historical and other required studies.

Broad Culture Afforded.—The Meadville Conservatory of Music was established for the purpose of affording superior advantages for the study of Music in all its higher branches. It is a universally conceded fact that the intelligent, careful study of Music tends to give a refinement to the general manners, and to elevate the artistic taste to the greatest degree. The courses of study pursued are similar to those of the successful schools of Music in Europe and America, and are calculated to make cultured, thoroughly competent and skillful musicians of the graduates of this school; also to give them a system of SCHOOL for their use when they in turn wish to become professional teachers. Lectures on music and musicians, and on the works of the masters, are free to the students of the Conservatory.

Parents and others bearing the expense of educating children, even if done without thought of their ever being obliged to use the education as a means of gaining a livelihood, demand that the most thorough systems and careful teaching shall be given in return for their money. This is proper, and the best of teachers can be obtained for lessons at a nominal sum, comparatively, in a large Conservatory, whose prices for private instructions would be beyond the reach of the masses.

DEPARTMENTS OF INSTRUCTION.

A school for the Piano.

A school for the Organ.

A school for Singing, Formation and Cultivation of the Voice, Concert Singing, etc.

A school for the Violin, Orchestra, Quartet and Ensemble playing.

A school for all Orchestral and Band instruments, and the Art of Conducting.

A school for Harmony, Composition, Theory and Orchestration.

A school for Church Music, Oratorio and Chorus Practice.

A school for training Music Teachers for Public Schools, Conventions, etc.

A school of Art.

The detailed outline of the courses of the several schools of Music can be had on application to the Director for the Conservatory Catalogue.

LESSONS.—Pupils receive two lessons in each branch of Music per week in the regular graduating courses. The Conservatory term consists of ten weeks (twenty lessons.) No deduction for lessons missed.

Pupils may enter the Conservatory at any time, but if possible, it is always better to commence with the new term.

FOUR YEARS' COURSE.—The course comprises four years' work, and is divided into grades of three divisions, namely: Preparatory, Intermediate and Advanced.

Pupils are received into any division or grade which upon examination they may be found qualified to enter.

RATES OF TUITION.

For private lessons per term of ten weeks, two lessons per week, payable in advance:

Piano, Violin, Cabinet Organ, Cornet, 1st and 2d grades, each,	$15 00
Piano, Violin, Cabinet Organ, Church Pipe Organ, Cornet, 3d, 4th, 5th and 6th grades, each,	20 00
Harmony,	20 00
Harmony, class of four,	15 00
Voice, 1st and 2d grades, (class lessons)	15 00
Voice, " " " " (private lessons)	20 00
Voice, 4th, 5th and 6th grades	20 00
Theory of Music, class of four,	15 00

Counterpoint, class of four,	15 00
Composition, class of four,	15 00
Orchestration, class of four,	15 00
Class in Sight Singing,	2 00
Estimated expenses per term for music used, about,	5 00
Rent of Piano, one hour per day, per term,	3 00
Rent of Pipe Organ, two hours per day, per term, (motor attachment)	15 00

DEPARTMENT OF ART.

DIPLOMAS.—Diplomas are given the graduate of these different courses, signed by the President of the Faculty, Director of Music and teachers of the various departments from which they are graduated.

LADY STUDENTS' HOME.—Ladies studying Music only are admitted to Hulings Hall on the same terms as other lady students.

There are thorough courses of study in Drawing from the Antique, in Perspective, and in Painting in Oil and Water Colors For students of sufficient advancement, a class in Drawing from Life will be formed. There will be additional classes in Sketching and in Decorative Art.

The principles and practice of Art will be taught chiefly through the study of Antique Sculpture. On passing a satisfactory examination in this, students can enter other classes.

The studio is fully equipped with the finest full-sized casts of antique statuary, with studies drawn or painted from nature, etc.

RATES OF TUITION IN ART.

For term of ten weeks, two lessons per week, payable in advance:

Drawing from Antique or from Life, and use of studio 3 hours daily,	$15 00
Painting in Oil or in Water Colors, and use of Studio 3 hours daily,	15 00
Perspective,	10 00
Sketching,	5 00
Physical Culture,	10 00

To members of the class in Antique Drawing, or the class in Painting, the Sketching will be free.

Classes in Physical Culture are under the instruction of M. Blanche Best.

MEADVILLE

BUSINESS COLLEGE.

The Meadville Business College is an independent institution in which the students of the Preparatory School of Allegheny College may pursue business branches with special advantages.

FACULTY.

A. W. SMITH,

Principal of Commercial Department, Lecturer on the Theory and Practice of Business, Teacher of Book-keeping and Banking.

J. W. WAFUL,

General Agent and Teacher Plain and Ornamental Penmanship.

J. E. CAMPBELL,

Assistant in Commercial Department and Teacher of Practical and Ornamental Penmanship.

GEORGE H. St. JOHN,

Principal Academical Department.

A. B. RICHMOND & SON,

Lecturers on Commercial Law and Business Customs.

MARY SMITH,

Assistant in Academical Department.

GEORGE H. St. JOHN,

Teaches Short-Hand and Type-Writing.

The College is located on Water street, but a few steps from the N. Y., P. & O. depot, and its windows look out on the beautiful city and surrounding hills and landscapes, thus obtaining for its spacious study rooms, with their high ceilings, the purest, and the best light.

THE BUSINESS DEPARTMENT.—This department is fitted up with all modern improvements. It is heated by natural gas, and lighted by electricity. Double and single entry book-keeping, as applied to every department of business, is thoroughly taught by practical accountants.

SHORTHAND DEPARTMENT.—The Shorthand Institute and Type Writing School, in connection with the Meadville Business College, offers the best and cheapest facilities to students wishing to acquire the above subjects in the shortest space of time. It is useless to spend years of time in learning the old methods of Phonography.

The rates of tuition are but little more than one-half of that of similar institutions, while the use of the type writers and the instruction on the machine is free to all students in the department.

The demand for stenographers and operators of type writers of this department finds for them ready employment at good wages as soon as they have finished their course of study.

PENMANSHIP DEPARTMENT.—Four of the finest penmen in America are connected with this College. Plain Business Writing in every style, Ornamental Penmanship in all its forms, such as Flourishing, Lettering, Fine Shading, Card Writing, German Text, Old English, Pen Drawing, Penciling, &c., is taught.

TERMS OF TUITION AND BOOKS IN BUSINESS COLLEGE.

Scholarship for the full course, entitling the holder to instruction in Book-keeping, Commercial Law, Commercial Arithmetic, Correspondence, Practical and Ornamental Penmanship, Rapid Reckoning, Complete English Course, Type Writing, Detecting Counterfeit Money, etc., $50.00.

Books for Commercial Department for full course, cost from $5.00 to $10.00.

Tuition to ladies 25 per cent. off.

BOOK-KEEPING ALONE OR WITH ANY OTHER BRANCHES.

One month,	$12 00
Two months,	22 00
Three months,	30 00
Six Months,	40 00
One year,	45 00

PRACTICAL PENMANSHIP.

One month,	$ 5 00
Two months,	7 00
Three months,	8 00

ORNAMENTAL PENMANSHIP.

One month,	$10 00
Two months,	18 00
Three months,	25 00

SHORT-HAND AND TYPE-WRITING.

Complete course, time unlimited,	$40 00
Students holding full course Scholarships, 25 per cent. off, or	30 00
Full course, six months,	30 00
Three months,	20 00
Two months,	15 00
One month,	8 00
Telegraphy	Rates on Application

TYPE WRITING.

To those who do not hold Scholarships, per month,	$ 5 00

All students not in the Short-Hand Department practicing on these machines will pay $2 00 per month for use of machine.

All tuition payable in advance.

Students from Allegheny College will be admitted to any of the departments at half rates.

Send for *The Reporter*, giving full information. Enclose four cents in stamps. Address, A. W. SMITH, Meadville, Pa.

5 H
1-92

ALLEGHENY COLLEGE.

1891-'92.

HULINGS HALL.

SEVENTY-SIXTH YEAR.

ANNUAL

CATALOGUE

OF

ALLEGHENY COLLEGE

AND

TRIENNIAL CATALOGUE

FOR THE

ACADEMIC YEAR 1891-'92.

MEADVILLE, PA.

1892:
TRIBUNE-REPUBLICAN JOB ROOMS.

ALLEGHENY COLLEGE.

BOARD OF TRUSTEES.

EX-OFFICIO.

His Excellency, R. E. PATTISON,
Governor of the Commonwealth.

Hon. EDWARD M. PAXSON,
Chief Justice of the Supreme Court.

Hon. W. U. HENSEL,
Attorney General.

LAY TRUSTEES.

Alexander Bradley, Esq.,	Pittsburg
Hon. G. B. Delamater,	Meadville
Hon. S. B. Dick,	Meadville
Hon. J. W. F. White, LL. D.,	Sewickley
James D. Gill, Esq.,	Meadville
Hon. J. F. Dravo,	Beaver
Harvey Henderson. Esq.,	Allegheny
Joseph Horne, Esq.,	Pittsburg
F. P. Ray, Esq.,	Meadville
Wm. Thomas, Esq ,	Meadville
Hon. J. J. Henderson,	Meadville
Geo. W. Haskins, Esq.,	Meadville
Dr. Theodore L. Flood,	Meadviile
Prof. J. Hamnett,	Meadville
John A. Wood, Esq.,	Pittsburg
Wm. Foltz, Esq.,	New Castle
W. D. Patterson, Esq.,	Cleveland, O.
Joseph Walton, Esq.,	Pittsburg
A. L. Dunbar, Esq.,	Meadville
Geo. P. Hukill, Esq.,	Oil City
James P. Hassler, M. D.,	Meadville

HON. B. F. MARTIN, ... Grafton, W. Va.
HON. J. D. TAYLOR, ... Cambridge, O.
J. G. HOLMES, ESQ., ... Pittsburg
HON. J. W. LEE, ... Franklin
JOHN C. BARDALL, ESQ., ... Wheeling, W. Va.
FRANK A. ARTER, ESQ., ... Cleveland, O.
D. R. CODER, ESQ., ... Meadville
J. P. COLTER, ESQ., ... Meadville
J. W. KINNEAR, ESQ., ... Pittsburg
HON. JOHN J. WICKHAM, LL. D., ... Beaver
GORTON B. CHASE, ESQ., ... Greenville
JOHN M. STULL, ESQ., ... Warren, O.
J. N. BOLARD, M.D., ... Meadville

CLERICAL TRUSTEES.

REV. MOSES HILL, D. D., . . . Kalamazoo, Mich.
REV. G. W. CLARKE, D. D., ... Akron, O.
REV. A. C. ELLIS, A M., ... Jamestown, N. Y.
REV. C. A HOLMES, D. D., ... Allegheny
REV. W. H. HASKELL, A. M., ... Cleveland, O.
REV. J. R. MILLS, D. D., ... Cambridge, O.
REV. DAVID H. WHEELER, ... Meadville
REV. T. H. WOODRING, D. D., ... Wilkinsburg
REV. JOSEPH HORNER, D. D., ... Pittsburg
REV. J. W. MILES, D. D., ... Pittsburg
REV. A. L. PETTY, D. D., ... Beaver

OFFICERS OF THE BOARD.

ALEXANDER BRADLEY, ... President
D. H. WHEELER, ... Chairman of Executive Committee and Vice-President
FRANK P. RAY, ... Treasurer and Secretary

CENTENARY BOARDS.

PITTSBURG CONFERENCE.

ALEXANDER BRADLEY, ... President
JOHN G. HOLMES, ... Secretary and Treasurer
REV. M. D. LICHTLITER. A. C. DRAVO.
REV. C. E. LOCKE.

p 1793

ERIE CONFERENCE.

Rev. W. H. Mossman, ... President
Rev. R. C. Smith, ... Vice President
Wm. Thomas, ... Treasurer

Rev. J. A. Kummer. G. W. Haskins.
Rev. T. C. Beach. D. R. Coder.
Rev. J. H. Laverty. Dr. A. C. Parsons.

JOINT BOARD OF CONTROL.

Rev. N. G. miller, D. D. Prof. F. M. Bullock.
Rev. T. N. Boyle, D. D. T. N. Arnold, Esq.
John N. White, Esq. Hon. B. F. Martin.
R. F. Hopwood, Esq. F. H. Crago, Esq.
Rev. R. N. Stubbs. Rev. B. W. Hutchinson.
Rev. L. H. Jordan. Rev. R. F. Keeler, D. D.
Rev. T. H. Taylor. Rev. W. P. Bignell, D. D.
W. M. Day, Esq. T. C. Parsons, Esq.

VISITING COMMITTEE.

Rev. I. D. Darling. Rev. G. F. Oliver.
Rev. T. W. Douglas. Rev. A. W. Gruber.
Rev. W. P. Murray. Rev. J. S. Youmans, D. D.
Rev. A. C. Johnson, D. D. Mrs. S. M. Hickman.
Rev. J. F. Murray. Mrs. F. A. Arter.
Mrs. A. H. Heisey. Mrs. T. C. Parsons.
Mrs. G. H. Pierce. Mrs. Thomas N. Parker.
Mrs. C. R. Stuckslager.

INSTRUCTION AND GOVERNMENT.

DAVID H. WHEELER, LL. D.,

PRESIDENT.

Professor of Social Science and English Literature.

JONATHAN HAMNETT, D. D.,

LIBRARIAN.

Emeritus Professor of Philosophy.

J. H. MONTGOMERY, PH. D.,

Professor of Physics and Chemistry.

J. W. THOMAS, A. M.,

Professor of French and German.

JAMES S. TRUEMAN, PH. D.,*

Bradley Professor of Greek and Latin.

J. C. FIELDS, PH. D.,

Professor of Mathematics.

W. T. DUTTON, C. E.,

Professor of Civil Engineering.

2d LIEUT. JOHN K. CREE, 3d Artillery, U. S. A.,

Professor of Military Science and Tactics.

W. A. ELLIOTT, A. M.,

Instructor in Greek and Latin.

*Deceased.

CHARLES S. JEWELL, A. B.,
Instructor in English and Mathematics.

MRS. ELLEN W. LAFFER, A. M.,
LADY PRINCIPAL.

M. BLANCH BEST,
Expression and Physical Training.

LAURA TEMPLE, WILL C. PICKETT,
FRANCIS M. MARTIN, A. M.,
Tutors.

W. C. BERLIN,
Aesistant in Laboratory.

OFFICERS OF THE FACULTY.

J. H. MONTGOMERY, Vice President and Curator of the Museum
J. W. THOMAS, ... Secretary
W. A. ELLIOTT, . . Principal of Preparatory Department

REV. J. A. KUMMER, D. D.,
REV. J. M. THOBURN, A. M.,
Lecturers.

DESCRIPTION OF THE COLLEGE.

MEADVILLE.

No city in Western Pennsylvania is more advantageously situated than Meadville. It has two lines of railroad: The New York, Pennsylvania & Ohio, and the Pittsburg, Shenango & Lake Erie. By either of these routes Pittsburg may be reached in five hours, Cleveland in three hours, Erie in two hours, Cincinnati in twelve hours, and New York in fifteen hours. This arrangement gives easy and expeditious access to the city from the above and all intermediate points. The population of the town is about 10,000; it is an old and well established city, having cultured society and many educational influences. The city has most of the modern improvements, such as illuminating gas for buildings, electric light on the streets, and natural gas fuel.

HISTORY.

Allegheny College was organized here in 1815 by citizens of the village. In 1817 they obtained for their institution a liberal charter, and in 1820 laid the foundation of Bentley Hall. In 1833, by a contract between the Trustees and the Pittsburg Annual Conference of the Methodist Episcopal Church, the College came under the control and patronage of the Methodists of this central region. By successive divisions of the Pittsburg Conference, the control and patronage are now vested in Pittsburg, Erie, East Ohio and West Virginia Conferences. The contract between the Conferences and the Trustees guarantees a liberal and unsectarian spirit in the management of the College, and the students always represent several religious denominations. The growth of the College in recent years is shown by the following statement of the numbers in the graduating classes for the fifteen years ending June, 1891. Grouped in periods of five years, the figures stand:

Classes of 1877–1881 92
Classes of 1882–1886 124
Classes of 1887–1891 159

GROUNDS AND BUILDINGS.

The College Campus embraces thirteen acres on the north side of the town, having an elevation of two hundred feet above the river; it is well shaded with trees, and has a beautiful outlook upon the town and the adjacent hills and valleys. In natural beauty the Campus is very attractive. It is one of the most healthful places in the country. There are three large buildings belonging to and used by the College.

Bentley Hall bears the name of Rev. William Bentley, D. D., of Massachusetts, who gave his valuable library to the College. The corner stone was laid July 6th, 1820. It contains a central building, which is three stories high above the basement. The basement rooms are used for Laboratories and Shops. The stories above are devoted to Recitation rooms, Society Halls, and the office of the President of the College.

Ruter Hall, named after Rev. Martin Ruter, D. D., the second President of the College, is a substantfal brick building, erected chiefly by the citizens of Meadville, in 1855. This building contains the Museums of the College, the Library, and Chapel.

Hulings Hall is a large brick edifice, erected in 1881, by Marcus Hulings, Esq., of Oil City, and the citizens of Meadville. It is used as a home for lady students, and has rooms for sixty ladies. It is about one hundred by eighty feet on the ground, and four stories in height, including the mansard roof, and is supplied with gas and water, and heated by steam.

LABORATORIES AND APPARATUS.

Two large rooms, each twenty by forty feet, are fitted up in the basement of Bentley Hall for Chemical Laboratories. They are furnished with water and gas, and are supplied with neat cases and a well selected cabinet of rare specimens.

These Laboratories accommodate forty students, with separate facilities for practical chemical and mineralogical study and analysis, according to the methods of the best scientific schools.

The College possesses extensive cabinets of Mineralogy and Conchology, and complete Chemical and Philosophical apparatus of the most improved forms.

The apparatus comprises many distinct pieces, affording ample means of illustrating every branch of Physics and Chemistry now taught in collegiate institutions. Among the most expensive instruments are the following : A compound Microscope, with accessories, manufactured by Zentmayer. A Kumkorff Induction Coil, giving a twelve inch spark, by E. S. Richie & Co. Apparatus for solidifying carbonic acid. Eighteen instruments to illustrate the laws of undulations. Auzoux's largest Anatomical Models of the eye, ear, brain and larynx. Apparatus for reproducing Tyndall's experiments with heat. Two Polariscopes, with accessories. A Spectroscope with four prisms. Complete apparatus for projection, including a first-class Educational Lantern, Double Stereopticon, Oxy-Hydrogen Microscope, Duboscq's apparatus for projecting polarized lights, Friction Machine, Holtz Electrical Machine. A Phonograph, two dynamoes and accessories, etc. The optical instruments, excepting the Compound Microscope, Telescope and Astronomical Transit, were made by M. Duboscq, of Paris.

THE MUSEUM.

The Museum embraces several distinct collections of Minerals, Shells, Fossils, etc.

1. The Prescott Collection, comprising 2,200 specimens of Marine, Terrestrial and fresh water Shells, and about 3,000 specimens of Minerals and Fossils, was collected and mounted by Dr. William Prescott.

2. The Haldeman Collection has 550 excellent and carefully labeled specimens of Minerals, and about 2,000 specimens of Shells, and was purchased by S. S. Haldeman.

3. The Alger Collection.—This collection, made by Francis Alger, contains 5,000 specimens of Minerals, remarkable for their beauty and variety. It embraces also a large number of duplicates, and a handsome cabinet of about 1,500 specimens of Shells.

4. Cabinet or Lithology and Palæontology.—This contains an entire series of the well-known Ward Casts, and a very comprehensive and valuable collection of Fossils and Rocks, to which additions are being made.

5. *Smithsonian Collection.*—In addition to several valuable collections heretofore received from the Smithsonian Institution, there have been added over 500 specimens of Land, Marine and Fresh Water Shells from Panama, Vancouver's Island and the West Indies, chiefly obtained by Prof. C. A. Adams, and authentically labeled by H. Cumming and Dr. P. Carpenter, from the collection of D'Orbigny & Cumming.

Entomological Collection.—The Cabinet of insects embraces 3,000 species, carefully and accurately catalogued and classified. It was arranged by W. O. Currier, and donated by a friend to the College.

Natural History Collection.— In addition to the above named collections there are about 1,000 Zoological Specimens, including Birds, Reptiles, Fish and Marine Animals, which are constantly being increased in number by the exertions of the friends of the department.

These collections greatly increase the scientific advantages of the College and furnish special incentives to the study of Natural Science.

THE LIBRARY AND READING ROOM.

The College Library contains about 12,500 volumes, many of them rare and valuable works, which are accessible to all students. New energy and life have been infused into the library. Alumni and friends are invited to contribute to its enlargement.

The Library and Reading Room now occupy the whole of the third floor of Ruter Hall. Dr. Hamnett, the Librarian, gives his whole time to the Library and the students are able to make free use of books and periodicals at stated hours.

The Reading Room provides for the students periodical literature, American, English, French and German, together with Dictionaries, Encyclopædias, Atlases and other books of reference.

THE COURSES OF STUDY.

The College has four courses of study, three of which lead to the degree of Bachelor of Arts, and the fourth to the degree of Civil Engineer.

The Classical Course combines all the excellencies of the time-honored classical course. By immemorial use it has proved its eminent value, and is worthy of the confidence and respect which a long venerated observance gives. For a full and harmonious preparation for the varied professions and employments of life, it is unexcelled. The preparation required for entrance upon this course is three years of Latin, two years of Greek, Mathematics through Geometry, Physiology, Physical Geography and Natural Philosophy, and the usual amount of English and History. The student will see the conditions of admission on another page.

The Scientific Course requires the same preparation as the Classical, but French will be accepted in place of Greek. In the College years, the German Language takes the place of the Freshman, and the Sophomore Greek. Additional science is substituted for the Latin of the Sophomore year, and is completed in the Junior year. This course opens the treasures of Science in the Modern Languages, and by extensive laboratory practice prepares the student for further researches in Science. Young men looking toward chairs of Science in schools and colleges will find this course especially adapted to them.

The Course in Latin and Modern Languages requires the same preparation as the Classical, with this exception, that six terms of French are substituted for six terms of Greek in the second and third Preparatory years. Six terms of German are substituted for six terms of Greek in the Freshman and Sophomore years. This course has been adopted in order to accommodate students who prefer to leave out the Greek entirely and give more time to the Modern Languages.

These three courses are further enlarged by the addition of elective studies.

Engineering Course.—The object of this course—which is not parallel to the literary courses—is to fit young men for civil and mechanical engineering, and to furnish a sound business education. It is well known that the demand for engineers is much greater than the supply. Our graduates have hitherto secured employment immediately after graduation, and, although this department is only six years old some of its graduates have already advanced to honorable and profitable positions. The course is thoroughly practical and adapted not only to those who intend to practice engineering as a profession, but also to the wants of a class of students, having only a common school education and desiring to fit themselves as soon as possible for some of the numerous new pursuits opened by modern invention and science. A full description of this branch of the work of the College will be found on a subsequent page.

Of Mixing Courses.—No student will be permitted to enter upon any other course than the one he is pursuing, without permission of the faculty.

Examinations.—There will be three examinations of classes during the year. The first will be held on the last three days of the fall term; the second on the last three days of the winter term; the third will begin a week previous to commencement.

DEPARTMENTS OF INSTRUCTION.

Philosophy and Social Science.— Instruction is given in Mental Philosophy, Logic, History of Philosophy, Constitution of the United States, Social and National Economy, Æsthetics, Moral Philosophy, International Law, Municipal Law and the Science of Language. These subjects of study will be accompanied by lectures, bearing upon certain sections of these branches. The lectures will be familiar, practical talks rather than formal discourses. The aim of the instruction and lectures will be to qualify the student to continue such studies after graduation.

Mathematics and Astronomy.—To the complete course in pure mathematics is added the application of Geometry and Trigonometry to Surveying and Engineering. Compass, Chains, Transit, Level, and all other necessary implements are furnished and practically used in the field. To these branches are devoted five recitations per week through the Freshmen and Sophomore years, and in the Junior year the subject of Astronomy is pursued. In the Engineering Course much more time is given to practical Engineering. The telescope (the gift of Hon. G. B. Delamater), is an 8-foot refractor, 7½ inch object glass ; in power capable of separating minute double stars ; manufactured by A. Clark & Son, Cambridge, Mass. The Transit is a fine instrument from the hands of Stackpole Bros , New York. In addition, the College has two sextants, a Transit with Meridian Finder, a Prismatic Compass, and other instruments essential to the Department of Engineering.

Physics and Chemistry.—The leading idea in the instruction given in these subjects is to prepare the student for independent research, upon the theory that such method affords the highest mental discipline and the most satisfactory practical knowledge. Each student, furnished with sufficient material and apparatus to enable him to do so, will pursue his own investigations under such guidance as will secure precision in method and accuracy in results. Illustrated lectures will frequently be given to make the path clear and the labor interesting and successful.

The College has complete facilities for obtaining a thorough elementary knowledge of these branches. The costly and splendid

apparatus, kept up to the times by occasional additions, and the laboratories, abundantly provided with chemicals, make these studies unusually attractive and satisfactory. The course in Chemistry, including Mineralogy, requires three consecutive terms; that of Physics three additional terms; in the scientific course chemistry continues through the Junior year and consists of analysis and assaying, and applications of Physics are studied to the end of the Senior year.

Natural History.—Zoology requires the full time of one study for two terms. The work is conducted by regular recitations on five days in each week. The mode of recitation varies as the subjects presented need illustration or lecture. The use of microscopes is freely offered to all who desire to work with them; and when a naturalist is found the greatest care is given to his training. All opportunities of collections and drill are offered, and every effort is made to develop his taste for Natural History subjects. Botany is studied one term each course, and is taught by class-room drill, drawing and analysis of wild flowers. Each student will be required to prepare, carefully, a herbarium of specimens from the local flora. This gives enough practice to develop any latent natural ability for this study and lays the foundation for future work in the study of plants.

Latin and Greek.—The classical course is extensive and quite equal to that of the best colleges. It is aimed throughout to do thorough and practical work and thereby to afford the requisite preparation for continued study of either or both languages. Accordingly quality rather than quantity is made the great desideratum. It is further borne in mind that in no way can languages generally, and the English especially, be better taught than in connection with the ancient classics, and to this much attention is given. The Preparatory Courses in Greek and Latin extend over two and three years respectively. Such a drill is given upon every point of Grammar that the students acquire a thorough knowledge of this subject and enter fully equipped upon the work of the College. Prose Composition receives especial attention. The College Courses in both Latin and Greek have been extended to three years, so as to afford larger opportunities to those students who wish to made the classics a specialty. Prose Composition is con-

tinued through the Freshman year. Judiciously selected portions of both Literatures are studied, and made to furnish a larger and more intimate acquaintance with the languages.

Modern Languages.—It is intended that in the two years' study of French and German required, the student shall read as widely as possibly in modern prose, shall study several representative classic works, and shall have a general survey of the whole literature. The ability to read easily a foreign tongue, and to understand it when spoken, are the two points specially sought. Reading at sight and translating from dictation are constantly required, and comparison of etymologies and derivations is expected to free the student from a too close bondage to dictionaries. Abstracts and paraphrases of the work read, and written translations from English, serve as a drill in French and German composition. After two terms the class exercises are conducted largely in the language studied, thus training at once the ear and tongue.

The following represents the work of the Modern Language department :

German—(1) Otto's Grammar. (2) Otto's Grammar. (3) Im Zwielicht and Otto's Grammar. (4) Freytag's Die Journalisten. (5) Goethe's Hermann und Dorothea. (6) Schiller's Wilhelm Tell. (7) Lessing's Minna von Barnhelm. (8) Schiller's Wallenstein's Tod. (9) Goethe's Faust, part I.

German prose composition twice each week during each of the three years, the text-book for the third year being G. E. Fasnacht's "Progressive German Course, III Year."

German conversation daily from the beginning, with dictation exercises, and, in the third year, letters or essays in German once a week.

French—(1) Chardenal's First French Course. (2) Chardenal's Second French Course. (3) Ditto. (4) Knapp's Readings and Fasnacht's Third Year French Course. (5) Ditto. (6) Moliere's Le Misanthrope and Fasnacht's Third Year French Course.

French prose composition and conversation twice weekly from the beginning.

Hebrew and Greek Testament.—Candidates for the Christian Ministry may study Hebrew one year, as an elective in the Sophomore or Junior year. It is believed that the student thus

taught in the Hebrew, and familiar with the Greek classics of the course, can easily fit himself by private study of the Greek Testament and second year Hebrew, to enter upon the second year in the Theological Seminary. Experience has convinced the Faculty that it is best to divide the gain of one year between the substitutions allowed by the College and the special exertions of the student in private study. The Professors of Greek and Hebrew will render such assistance as may be required by students making such private preparations.

ADMISSION AND CLASSIFICATION.

Students entering the Freshman class will be examined in all preparatory studies or their equivalents. Candidates for higher standing are examined also in the studies accomplished by the class to which they may desire admission. Certificates of High Schools and Academies of good standing will be accepted in place of examinations in Preparatory studies, but the Faculty reserve the right to require Preparatory work of students who are not able to make satisfactory progress in College classes. High School certificates should be accompanied by a record of the student's standing in the several studies.

Students coming from accredited colleges with honorable dismission, and certificates of scholarship, will present their certificates to the Professors of the several departments. Such examination will be instituted in connection with the certificates as the Professors in the several departments may deem necessary. In all cases students coming from other colleges must present testimonials of good moral character and standing, and a certificate of regular dismission. These should be presented at the time of application. Young men and women are admitted to the Preparatory classes without examination.

Classification.—The classification of the Catalogue is made in May of the last term of the college year, and gives the class rank for the year.

A student having completed the studies of the Preparatory Course, or their equivalent, and of the Freshman year, less three, can take rank as Sophomore. Having completed all of the above and the studies of the Sophomore, less two, he can take rank as

Sophomore. Having completed all of the above and the studies of the Junior year, less one, he can take rank as a Junior.

Studies pursued in higher classes are offset against studies not pursued in the lower. If, for example, a student has pursued two Sophomore studies, they will be equivalent to any two studies not pursued in the Freshman class. A study means, for purposes of classification, a term's work in any subject. There are three terms of Physics, and each term is a study for the purpose of classification, etc. When a student is dismissed at his own request, he will receive a certificate covering his work in this College.

PREPARATORY INSTRUCTION.

To supply the demand for a systematic and thorough course of study adapted to the preparation of pupils for entrance to College without loss of time, there is in connection with the institution a Preparatory Department. The course requires three years' work, and will compare favorably with any similar school east or west. This department is under the direct superintendence of the President and Faculty of the College. It is believed that no better advantages for a thorough and direct preparation for College can be obtained anywhere than are offered here.

Students who are nearly ready to enter College, prepared in some studies and behind in others, will usually gain time by availing themselves of the privilege of pursuing some studies in the Preparatory Department and others in the College. A whole year is often saved in this way.

All students entering the Preparatory Department should bring letters from pastors or parents, and certificates from their teachers concerning proficiency and standing, and present the same to the President. At the middle and end of each term, parents and guardians are furnished with statements of the conduct and class standing of pupils in this department.

MILITARY DEPARTMENT.

All male students below the Junior Class are required to attend Military Instruction, unless excused by the Faculty of the College at the request of parents or guardians, or if of age, at their own request. All requests for excuse should be submitted in writing to the Faculty, and should state the reason for making the request. Students who are excused from military instruction are required to take the same amount of work in some other department. Service above the Sophomore grade is voluntary, but credit is given for it.

Practical Instruction.—The practical instruction in this department consists of drills of three hours in each week. The cadets are exercised and instructed during the year in the Infantry Tactics of the U. S. Army, comprising the School of the Soldier, the School of the Company and School of the Battalion ; and in all ceremonies, forms of parade, and reviews and honors to be paid by troops. Instruction in Artillery is given in the School of the Soldier Dismounted, Manual of Piece, Mechanical Manœuvers, and the School of the Battery Dismounted. Breech-loading cadet rifles and accoutrements, and six-pounder brass guns, with all the necessary ammunition are supplied by the Ordnance Department, U. S. Army. Instruction is also given in fencing, target practice, and the duties of guards and sentinels. The drills take place in the latter part of the afternoon, after the close of recitations, and should not interfere in the least with the study hours of the student.

Theoretical Instruction.—The course of theoretical instruction by recitation covers about the same ground as the practical instruction. For the first year students are required to attend the practical instruction and lectures only. After one year's practical work they are expected to attend two recitations per week in Infantry Tactics. In addition to the recitations, lectures on military subjects are given. The course of lectures includes the most important subjects of the Art and Science of War, Ordnance and Gunnery and Field Fortifications.

Uniform, Etc.—All cadets are required to be provided with a uniform, of the pattern prescribed by the Faculty of the College, which will be worn on all drills, parades, etc., and at all practical

military instruction. This uniform, which costs about $25.00 complete, need not be considered an extra expense, as the student must be clothed anyway, and not being striking in appearance, it can be worn upon all occasions, and is habitually worn by a great many cadets. It is of good, serviceable cloth, and as a rule will wear much better than an ordinary business suit of the same price. To secure uniformity, it should be procured in Meadville.

The time taken up by military instruction is credited to each cadet just as any other study which he may pursue, and counts as much as any study of an equal number of attendances. That is, one year's practical instruction counts as a full term's work in one study, and the recitations in Tactics, (when taken) count the same as other recitations.

A certain part of each day should be given up to physical exercise, and it is thought that military drill furnishes one of the most valuable means of exercise and at the same time gives a young man a tendency to hold himself in an erect, manly way, and teaches him habits of neatness, punctuality, obedience, self-control and respect for superiors, which cannot be acquired with such facility by any other means. It teaches *manliness* when a young man most needs such training. At the same time the student is acquiring a valuable knowledge of military matters which may or may not be of use to him. Quite a number of graduates of this college are giving military instruction in other institutions, and in some cases the want of it has cost graduates good positions.

By the laws of Pennsylvania a graduate, who has taken military instruction for four years, and has held the rank of Cadet Captain for six months at a college to which an officer is detailed by the War Department of the Government, will, upon application, be appointed Brevet Second Lieutenant in the National Guard of the State.

The names of the three graduates of the college most distinguished in Military Science and Tactics each year are published in the Official Register of the U. S. Army, and in General Orders of the Army. Such graduates would have a good basis for application for civil appointments or as officers in the U. S. Army.

The military knowledge acquired can never come amiss, and in case of the United States being engaged in war, the advantages

which would accrue from it would be incalculable. In taking military instruction the student assumes no legal obligation for military service thereafter.

The attention of parents and guardians is called to the importance and value of this Department. While its first object is to instruct the student in the fundamental principles of Military Art, it also gives a mental and physical training which should strongly recommend its advantages to those responsible for the education of young men.

GENERAL INFORMATION.

Religious Culture—The College was founded by Christian men for the promotion of Christian culture. It believes that education should always include, as its highest aim, the development of Christian character. It seeks to surround the student with such influences and helps as foster the religious life. Chapel services are held mornings in Ruter Hall, and all students are required to be present. Regular attendance on Sunday mornings at some church (selected by the student or his parents) is also required. A general prayer meeting is held Tuesday evening of each week, lasting one hour, from 7 to 8 o'clock. This meeting is attended by a very large number of the students and by the members of the Faculty. Its results are manifest in the quickening and strengthening of many in the religious life. Prayer meetings, under the care of the Y. M. C. A. of the College, are held on Saturday evening of each week, in their rooms in Bentley Hall. In this way the students are brought into religious association and become interested in one another's religious welfare.

The Students' Y. M. C. A. also holds a meeting in the College every Sunday, from 6 to 7 o'clock p. m., and besides, they conduct religious services weekly, in the County Jail, and in several places in the city and surrounding region. There is also among the young ladies at Hulings Hall a Young Womens' Christian Association, whose work is attended with excellent results. The Young Men's Christian Association publish a small hand-book, containing information not found in the catalogue, which can be obtained by applying to the Corresponding Secretary, Prof. W. A. Elliott.

Candidates for the Ministry.—The College has educated a large number of ministers, and more than twenty candidates for the ministry are now in its classes. Arrangements are made to give such students as much of a special education as is consistent with the obtaining of a general education. After a solid foundation of disciplinary study has been laid, special study can be made useful; without the foundation the house will be built in vain. Some of the candidates for the ministry are employed in the pulpits of the adjacent country, and are supported by the churches in whole or part, while pursuing their studies. To a limited extent, the president is able to make loans without interest to promising candidates for the ministry. Loans have been made this way to about twenty students the present year. It is believed that a mature young man can safely and prudently contract a small debt to complete his education. But it is of the first importance that the candidates for the Christian ministry receiving such loans should regard them as debts of honor and conscience. The College does not desire, by means of such loans, to impair the financial integrity of Christian ministers. On the other hand, a candidate for the ministry need have no hesitation about doing business on a business footing with the loan fund societies. In no case; however, will more than one-half of a young minister's annual expenses be loaned to him. The candidates for the ministry are organized into a society, which holds regular meetings for the study of homiletics and related subjects. At these meetings, lectures are delivered by the members of the Faculty and other ministers. During the past year the society has held meetings semi-monthly in Bentley Hall. The subjects discussed have been of a practical and spiritual character, and with a view to inspire the members and help them in the direction of their contemplated calling.

Expenses of Students.—All students pay a term fee of $12 a term. The College does not board gentlemen, but the Faculty will render all possible aid to students in securing comfortable homes. New students are advised to consult the President before engaging rooms.

Students must furnish the President with the Treasurer's receipt, and register their names at the President's office. They will then be given a written permission to enter classes. No student will be

received in classes without the President's permission and this permission will not be granted until the term fee has been paid.

In the Laboratory first year students in Chemistry pay $1.00 each a term for use of chemicals and apparatus, and second year students pay $2.50 each.

A fee of $5.00 is paid by every person receiving a degree from the College.

One of the curiosities of the correspondence of a college is that its intending patrons almost invariably ask to be informed about the rates for tuition, but very seldom ask the cost of living. The tuition is never more than one-third of the necessary expenses of a student, and the cost of living is the large and important item. Not satisfied with reducing the College charges to less than one-third of the usual rates in colleges of the first rank, the authorities of Allegheny College have endeavored to effect a large reduction in the cost of living. At one time—in the days of the "oil speculation" —this reduction had to be secured by providing a large dormitory building. When East Hall burned down in 1883, the speculative era had passed, and it was found that there was plenty of room for young men, at moderate cost, in private families where they may have the influence of a home-life. Good furnished rooms cost each occupant about sixty cents a week, and the rooms are taken care of by the owners and not by the students. On these terms the city has room for at least five hundred students. It would not be possible for the College fo do better than this for its students ; and experience proves that herding young men in barracks is not the best way to secure their moral culture.

The young men of the College may board in clubs or in private families ; the latter costing about one-third more than the former. A club is simply an arrangement to divide the cost of table board among the boarders. It is a boarding house conducted on the co-operative principle. Provisions are bought at a discount, and expense is saved by increasing the number of boarders. The club is managed by a commissary, who receives and pays the money, makes all purchases and employs the help. For this service he receives a small weekly payment from each member of the club. The commissary is always a student, and several students work their way through college as commissaries. The cost of good table

board is in this way reduced to from $2.00 to $2.50 per week. The estimate for the necessary expenses of a student of either sex is based upon good club board, and is as follows for a term of twelve weeks:

Room Rent, Fuel and Lights,	from	$10 00	to	$18 00
Table Board,	"	24 00	"	30 00
Books,	"	3 00	"	7 00
Term Fee,	"	12 00	"	12 00
Total		$49 00	"	$67 00

To this must be added personal laundry and a small annual expense in the literary society to which the student belongs. Fifty-five dollars per term is believed to be sufficient to cover the necessary expenses. The unnecessary expenses for sweetmeats, oyster suppers, concerts, etc., may be indefinitely greater. But an economical student can live on $55 a term and suffer no social disparagement. The only caste in the College is based on good conduct and good work. The cost of books varies in different terms; but the average cost per year will not exceed $15.

The Miss Lindley Endowment.—By the will of the late Miss Lucy Lindley, of Meadville, the College received the sum of ten thousand dollars, the interest of which is devoted to paying the term fees of students dependent upon their own efforts to obtain an education. Applications for aid from this fund should be made to the President.

Club Rules.—The club commissaries of the College have agreed upon the following rules:

1. Every member of the club must deposit $10 when he enters the club, and at the opening of every term.

2. Each member must also pay at the end of the first and second months of each term the full amount of his share of the expenses for each month.

3. The deposit of $10 will be applied as far as may be needed to the expenses of the third month of the term.

These regulations are necessary to enable the commisaries to buy advantageously for cash, and to relieve all members of all risks from bad debts. There are no profits; therefore there can be no losses. A student dismissed from one club for slackness in meeting his obligations will not be admitted to any other. The club

system is worth at least forty dollars a year to each student. It is therefore to the interest of all to support the system by prompt payment.

Self Help.—Young men help themselves in several ways. About twenty of the present students are paying their expenses in whole or in part. There are ten or twelve employed in light work connected with College or the boarding clubs. Others are serving churches in the neighborhood of Meadville. It is the policy of the College to help students to help themselves, and at the same time to keep the expenses as low as is consistent with comfort and health. As a rule, a student should have at least $100 in hand, or in prospect, when he enters; if he has pluck, health and studious habits, he will usually be able to go through College.

Expenses of Ladies.—The expenses of ladies are about the same as those of gentlemen. They pay in Hulings Hall for furnished rooms, heat and light, about the same rate as gentlemen pay in private houses. Each should bring with her the following articles: Sheets, pillow cases and bed covering; towels, napkins, knife, fork and spoons. The rooms are furnished with beds, mattresses, pillows, chairs and tables.

The Hall is in charge of a Lady Principal, under the direction of the Faculty. The building will be kept in good condition, and all required additions made to the furniture and carpets.

It is believed that the sanitary condition of the building is perfect.

The cost of board (including room, heat, light, and table) in Hulings Hall ranges (according to rooms occupied) from $3.25 to $4.00 per week. If a student occupies a room alone from fifteen to twenty-five per cent. will be added to the above prices. An advance payment of $20 is required at the beginning of each term and as much more at the middle of the term.

The regulations for the visits of gentlemen at the Hall are simply those of respectable families. There are proper hours for calling and visiting in the parlors of the Hall, and in respect to all social matters, the Lady Principal will carry out the instructions of the parents of the young ladies. Young ladies are allowed the freedom which they would have at home. Whatever would be unladylike is forbidden; whatever prudent and affectionate parents permit is

allowed. Ladies not living at home or with relatives must live in Hulings Hall.

Physical Culture.—While there is an abundance of time for out-door exercise, yet during those seasons when this is impracticable, two lessons a week are given in Physical Culture. This is supplemented by practice on intervening days. No special system is employed, but the most helpful exercises are selected from Delsarte, Swedish, &c., and adapted to individual needs. Exercises are given to promote the conditions of health in the student: to gain physical poise and self-possession so essential to a vigorous, graceful and true woman. Young ladies living in Hulings Hall are required to take this course unless presenting a certificate from a physician. Those living in the town may avail themselve of this privilege.

Important Regulations.—The President does not excuse any student from any duties in his class. Those who wish to leave town must obtain the permission of the President. They must also obtain the assent of the instructors of their several classes. When special requests are made to the President they are understood to be made to the Faculty; and the proper form of such requests is a written application for the desired excuse or favor, and this written request should set forth plainly the reasons for it.

Special Examinations.—Students desiring special examinations are required to make application for the same at least one month before such desired examination, and no student will be allowed more than three special examinations in one year.

Number of Studies.—Every student must have not less than three studies. No student can take more than four studies without the special permission of the Faculty upon written request. This request will generally be refused; very few students are able to pursue more than four studies at one time. The effort to study five or six impairs scholarship in all. It is better not to graduate than fo do so on the cramming system.

Literary Societies.—There are three Literary Societies: The Allegheny, Philo-Franklin, Ossoli (the ladies society). The Societies have their respective halls and libraries. The libraries contain about 3,000 volumes. The societies hold public literary exercises and prize contests in the Chapel. These societies render

the College efficient service in the literary and forensic training of students, and the society friendships are invaluable to their members. The regular meetings are held on Friday evenings.

The Weekly Holiday.—The sessions of the College are held on Tuesdays, Wednesdays, Thursdays, Fridays and Saturdays, leaving Monday instead of Saturday for rest This plan has been in use for the past seven years, and is greatly preferred by teachers and students. It is adapted to the wants of students in towns adjacent to Meadville—within forty or fifty miles—who desire to spend Sunday at home The railroads furnish mileage tickets at reduced rates, and the clubs make a deduction for absence from the boarding tables. The cost of spending Sunday at home is in this way made small. This plan is commended to the attention of parents who may be so situated as to be able to avail themselves of its obvious advantages.

Degrees.—The degree of Bachelor of Arts is conferred upon those who complete, in a satisfactory manner, either of the three courses, Classical, Scientific, Latin and Modern Languages.

The degree of Civil Engineer is conferred upon those who complete the engineering course.

The degree of Master of Arts may be conferred in course on every Bachelor of Arts of three years' standing, who has been engaged since his graduation in some literary occupation, and has sustained a good moral character. Applications should be made to the President as early as the first of June, accompanied by the usual fee of five dollars.

The Master's degree may also be conferred, *pro merito*, one year after graduation upon any Bachelor of Arts who completes the studies of the first year of one of the post-graduate courses and complies with the conditions prescribed in the post-graduate circular.

The degree of Doctor of Philosophy is conferred upon graduates of colleges who pass satisfactory examinations in the studies prescribed for this degree.

ELOCUTION.

The art of expression should be made one of the most indispensable subjects in a college curriculum. Realizing this, the college requires the student to have at least one year of study in this department before taking a degree. The course has been arranged to supply the needs of pupils. As far as possible class work is made individual work, each member receiving special attention in the correction of mannerisms or vocal defects. "All good elocution is founded on good thinking;" therefore with thought and feeling for the motive power the less technique employed to gain the ability to read intelligently the better. The aim is not only to train students to express the thoughts of others, but to lead them to an improved expression of their own thoughts.

The course pursued is as follows :

First Grade : Exercises to improve physical powers of expression, study of attributes, simple, descriptive reading,—colloquial style,—melody in speech.

Second Grade : The reading of more difficult prose and poetry; Cultivation of the speaking voice. Special drill in declamation, essay, oration and extemporaneous speaking.

Third Grade : Philosophy of expression. Gesture—The reading of Shakespeare, Milton, Hugo and others.

The third grade is pursued in the second year, and in every case must be preceded by a thorough training in the former grades.

Students may receive credit for private instruction in this department.

THE COLLEGE COURSES.

Admission.—Candidates for admission to the Freshman Class are required to pass a satisfactory examination in the following subjects :

LATIN.	Latin Grammar, including Prosody—Allen & Greenough Latin Prose Composition, Collar. Cæsar—Four Books. Sallust—Catilinarian War. Cicero—Six Orations. Virgil—Six Books of Æneid.
GREEK.	Greek Grammar—Goodwin's preferred. Xenophon—Anabasis, seven books complete, and Prose Composition, Allinson, Parts I and II. *or*
FRENCH.	Two years for the Latin and Modern Language Course. For the Scientific Course two years of French will be accepted in place of Greek.
MATHEMATICS.	Arithmetic. Algebra—Wentworth. Geometry—Newcomb.
HISTORY.	United States History, Johnston's. History of the World, History of Greece, History of Rome, as much as is found in Myers & Allen's Ancient History.
ENGLISH.	English Grammar. English Literature. Rhetoric—Clark. Civil Government—Macey.
SCIENCE.	Physiology—Walker. Physical Geography—Maury. Natural Philosophy—Gage. Descriptive Astronomy.

Students who are deficient in some studies and feel that they are able to make them up, may be classed as Freshmen, conditionally.

Work of equal grade will be accepted in place of those named.

PREPARATORY SCHOOL.—Courses of Study.

NOTE.—Classical students will take Greek; Latin and Modern Language students will take French, and Scientific students will take either Greek or French. In the Latin and Modern Language Course, an equivalent amount of Music, certified to by the Director of the Conservatory, will be accepted in place of certain studies to be designated by the Faculty Six English Essays are required of every student each year.

	FIRST YEAR.	SECOND YEAR.	THIRD YEAR
FIRST TERM.	Military Drill. Latin Grammar and Lessons. Arithmetic. English Grammar and Composition. Physiology.	Military Drill. Cæsar and Latin Composition. Algebra I. Natural Philosophy. Greek I. or French I.	Military Drill. Cicero and Latin Composition. Advanced Algebra and Elementary Determinants. Elementary Rhetoric. Anabasis and Greek Composition or French IV.
SECOND TERM.	Military Drill. Latin Grammar and Lessons Complete Arithmetic. English Grammar and Composition. United States History.	Military Drill. Sallust and Latin Composition. Algebra II. General History. Greek II. or French II.	Military Drill. Virgil and Mythology. Plane Geometry. English Literature with Readings. Anabasis and Greek Composition or French V.
THIRD TERM.	Military Drill. Cæsar and Latin Composition. Complete Arithmetic. United States History and Civil Government. Physical Geography.	Military Drill. Cicero and Latin Composition. Algebra III. General History. Anabasis and Greek Composition or French III.	Military Drill. Virgil and Mythology. Solid and Spherical Geometry. English Literature and Readings. Xenophon or Lysias or French VI.

For Drill and Tactics equivalent exemptions will be allowed in other studies of the course. The subjects for which military training and study may be substituted will be designated in each case by the Faculty. A list of these studies appears in the Cadets' Manual.

COURSES OF STUDY--Freshman Year.

NOTE--Studies not marked elective are required; but a sufficient number must be elected to make twenty exercises a week throughout the Freshman and Sophomore years. The Arabic numerals denote the number of recitations a week.

	CLASSICAL.	SCIENTIFIC.	LATIN AND MODERN LANGUAGES.
FIRST TERM.	Livy—Book XXI. 5 Homer's Iliad. 5 Solid and Spherical Geometry. Original Propositions in Geometry. Application of Algebra to Geometry. 5 Geometric Conic Sections Zoology I. 5 Drill and Tactics.	Livy—Book XXI. 5 German I. 5 Solid and Spherical Geometry reviewed. Original Propositions in Geometry. Application of Algebra to Geometry 5 Geometric Conic Sections. Zoology I. 5 Drill and Tactics.	Livy--Book XXI. 5 German I. 5 Solid and Spherical Geometry reviewed. Original Propositions in Geometry. Application of Algebra to Geometry. 5 Geometric Conic Sections. Zoology I 5 ~~Drill and Tactics~~.
SECOND TERM	Horace—Odes. 5 Homer's Iliad and Demosthenes. 5 Logarithms—Plane Trigonometry. 5 Zoology II. 5 Tactics.	Horace--Odes. 5 German II. 5 Logarithms—Plane Trigonometry. 5 Zoology II. 5 Tactics.	Horace--Odes. 5 German II. 5 Logarithms—Plane Trigonometry. 5 Zoology II. 5 ~~Tactics~~.
THIRD TERM.	Horace--Ars Poetica and Satires. 5 Demosthenes. 5 Spherical Trigonometry or Surveying. 5 Botany. 5 Tactics.	Horace—Ars Poetica and Satires. 5 German III. 5 Spherical Trigonometry or Surveying. 5 Botany. 5 Tactics.	Horace—Ars Poetica and Satires.. 5 ~~German III~~. 5. Spherical Trigonometry ~~or Surveying~~. 5 Botany. 5 ~~Tactics~~.

NOTE--For Drill and Tactics equivalent exemptions will be allowed in other studies of the course. The subjects for which military training and study may be substituted will be designated in each case by the Faculty. A list of these studies will appear in the Cadets' Manual.

COURSES OF STUDY--Sophomore Year.

Students who omit Mathematics in the Modern Language Course must take Junior German.

	CLASSICAL.	SCIENTIFIC.	LATIN AND MODERN LANGUAGES.
FIRST TERM.	Tactics. Chemistry, 5 ELECTIVES. Tacitus—Annals. 5 Analytical Geometry. 5 Plato—Apology and Crito. 5 German I. 5 Hebrew I. 5	Tactics. Chemistry. 5 German IV. 5 Analytical Geometry. 5 Botany. 5	Tactics. Chemistry. 5 Tacitus—Annals. 5 German IV. 5 Analytical Geometry. 5
SECOND TERM.	Tactics. Chemistry. 5 ELECTIVES. Quintilian: Bk. X. 5 Analytical Geometry (completed). 5 Sophocles: Oedipus Rex. 5 German II. 5 Hebrew II. 5	Tactics. Chemistry. 5 German V. 5 Analytical Geometry. 5 Biology. 5	Tactics. Chemistry. 5 Quintilian: Bk. X. 5 German V. 5 Analytical Geometry. 5
THIRD TERM.	Tactics. Chemistry and Mineralogy. 5 ELECTIVES. Juvenal: Satires. 5 Differential Calculus. 5 Demosthenes. 5 Hebrew III. 5 German III. 5	Tactics. Chemistry and Mineralogy. 5 German VI. 5 Differential Calculus. 5 Microscopy. 5	Tactics. Chemistry and Mineralogy. 5 Juvenal. 5 German VI. 5 Differential Calculus. 5

NOTE.—For Drill and Tactics equivalent exemptions will be allowed in other studies of the course. The subjects for which military training and study may be substituted will be designated in each case by the Faculty. A list of these studies will appear in the Cadets' Manual.

COURSES OF STUDY—Junior Year.

An Average of Eighteen Exercises a Week Required.

	CLASSICAL.	SCIENTIFIC.	LATIN AND MODERN LANGUAGES.
FIRST TERM.	Physics. 5 Advanced Rhetoric. 3 Civil Liberty. 3 ELECTIVES. German IV. 5 Terence: Adelphi. 2 Aeschylus: Prometheus Vinctus. 2 Mediæval History. 3 Integral Calculus. 3 Elocution. 2	Physics. 5 Chemistry—Quantitative and Qualitative. 3 ELECTIVES. Integral Calculus. 3 Advanced Rhetoric. 3 German VII. 5 Civil Liberty. 3 Mediæval History. 3	Physics. 5 Advanced Rhetoric. 3 ELECTIVES. Civil Liberty. 3 German VII. 5 Mediæval History. 3 Integral Claculus 3 Chemisty—Quantitative and Qualitative. 3 Terence: Adelphi. 3 Elocution. 2
SECOND TERM.	Physics. 5 Evidences of Christianity. 2 ELECTIVES. Modern History. 3 German V. 5 English Philology. 3 Plautus: Protagoras. 2 Elocution. 3	Physics. 5 Chemistry—Quantitative and Qualitative. 3 Evidences of Christianity. 2 ELECTIVES. German VIII. 5 Modern History. 3 English Philology. 3	Physics. 5 Evidences of Christianity. 2 ELECTIVES. German VIII. 5 Modern History. 3 English Philology. 3 Plautus: Captivi. 2 Chemistry—Quantitative and Qualitative. 3 Elocution. 2
THIRD TERM.	Physics. 5 Political Science. 3 ELECTIVES. Astronomy. 5 Shakespeare. 2 German VI. 5 Aristophanes—The Clouds. 2 Elocution: 2	Physics. 5 Astronomy. 5 Chemistry—Assaying. 3 ELECTIVES. German IX. 5 Shakespeare. 2	Physics. 5 History of Civilization. 3 ELECTIVES. German IX. 5 Astronomy. 5 Shakespeare. 2 Cicero: De Oratore. 2 Chemistry—Assaying. 3 Elocution. 2

COURSES OF STUDY--Senior Year.

All studies are required.

	CLASSICAL.	SCIENTIFIC	LATIN AND MODERN LANGUAGES.
FIRST TERM.	Metaphysics. 5 Bible Study. 3 Lectures on English Literature. Constitutional Law. 2 Political Economy. 3	Metaphysics. 5 Advanced Physics. 3 English Literature. 2 Constitutional Law. 2 Political Economy. 3	Metaphysics. 5 Bible Study. 5 English Literature. 2 Constitutional Law. 2 Political Economy. 3
SECOND TERM.	Geology. 3 Political Economy. 3 Metaphysics and History of Philosophy. 3 Lectures on English Literature. 2 Municipal Law. 2 Logic, 3	Geology. 3 Political Economy. 3 Metaphysics and History of Philosophy. 3 Advanced Physics. 3 Municipal Law. 2 Logic. 3	Geology. 3 Political Economy, 3 Metaphysics and History of Philosophy. 3 English Literature. 2 Municipal Law. 2 Logic. 3
THIRD TERM.	Moral Phiiosophy. 3 International Law. 2 Geology. 4 Science of Language. 2 Lectures on American Literature. 2 Aesthetics. 4	Moral Philosophy. 3 International Law. 2 Geology. 4 Advanced Physics. 3. Aesthetics. 4 American Literature. 2	Moral Philosophy. 3 International Law. 2 Geology. 4 Science of Language. 2 American Literature. 2 Aesthetics. 4

ENGINEERING COURSE.

FOR ADMISSION:—Arithmetic, Algebra, Plane and Solid Geometry, Descriptive and Physical Geography, Natural Philosophy, Physiology English Grammar, History of the United States and Civil Government.

	FRESHMAN YEAR.	SOPHOMORE YEAR.	JUNIOR YEAR.	SENIOR YEAR.
FIRST TERM.	Graphics—Freehand Drawing. Mathematics—Solid and Spherical Geometry Reviewed. Original Propositions in Geometry. Application of Algebra to Geometry. Geometric Conic Sections, 5 Science—Zoology. 5 Military—Drill and Tactics. Elective—French, German, Latin. 5 or Mediæval History. 3	Graphics—Descriptive Geometry. 5 Mathematics—Analytical Geometry. 5 Science—Chemistry. 5 Military—Drill and Tactics. Elective—French, German, Latin, or Advanced Botany.	Graphics—Plotting, Mapping, Topographical Drawing. 4 Mathematics—Advanced Surveying. 5 Integral Calculus. 3 Science—Physics. 5 Chemistry, Quan. and Qual. 3	Science—Geology. 4 Advanced Physics. 3 Engineering—Bridges and Roofs. 5 Literary—English Literature. 2 Constitutional Law. 2
SECOND TERM.	Graphics—Mechanical Drawing. 5 Mathematics—Plane Trigonometry. 5 Science—Zoology. 5 Military—Drill and Tactics. Elective—French, German, Latin, 5 or Modern History. 3	Graphics—Shades and Shadows. 5 Perspective. Mathematics—Analytical Geometry. 5 Science—Chemistry and Mineralogy. 5 Military—Drill and Tactics. Elective—Freneh, German, Latin, Biology. 5	Science—Physics. 5 Chemistry, Quan. and Qual. 3 Mechanics. 5 Engineering—Roads, Streets and Pavements. 5	Science—Geology. 3 Advanced Physics. 3 Engineering—Wheeler's Civil Engineering. 5 Literary—English Literature. 2 Logic. 3
THIRD TERM.	Graphics—Descriptive Geometry. 5 Mathematics—Spherical Trigonometry. 5 Surveying. 5 Military—Drill and Tactics. Elective—French, German, Latin, or Botany. 5	Graphics—Machine Drawing. 5 Mathematics—Differential Calculus. 5 Science—Chemistry and Mineralogy. 5 Military—Drill and Tactics. Elective—French, German, Latin or Microscopy. 5	Science—Physics. 5 Chemistry, Assaying. 3 Engineering—R.R. Engineering. 5 Henck's Field Book. Wellington's R. W. Earthwork. R. R. Engineer's Practice. 5	Science—Astronomy. 5 Advanced Physics. 3 Engineering—Resistance of Materials. 3 Graphics—Stereotomy. 3 Architectural Drawing, from Plates. 2 Thesis on some professional topic during the year.

N. B.—Students are advised to elect French or German. Studies not marked Elective are required, and enough must be elected to make up twenty recitations a week through the Freshman and Sophomore years. In the Junior and Senior years all studies are required. The numerals denote the number of recitations a week.

For Drill and Tactics equivalent exemptions will be allowed in other studies of the course. The subjects for which military training and study may be substituted will be designated in each case by the Faculty. A list of these studies appears in the Ca 'ets' Manual.

REGISTER OF STUDENTS.

POST-GRADUATE.

NAME.	RESIDENCE.
Anderson, J. R.,	Buffalo, N. Y.
Anderson, J. W. D.,	Neosho Falls, Kan.
Adams, Robert T.,	Port Allegheny
Barton, Wm. J.,	Spartansburg
Barber, Alice,	Meadville
Bash, Appleton,	Springdale
Bayle, Samuel B.,	Warren
Braymer, Orange W.,	Camden, N. J.
Bird, Levi,	Auburn, N. Y.
Bunce, Wm. H.,	Greenville
Burridge, Bernard Marc,	Ashtabula, O.
Campbell, James G.,	Lafayette, Ind.
Clark, Charles E.,	Buckhannon, W. Va.
Claypool, Ernest V.,	Pyallup, Wash.
Cooper, Lemuel P.,	Stoughton, Mass.
Dale, W. W.,	Brockwayville
Darling, Ira C.,	Randolph, N. Y.
Dean, Charles W.,	Indiana
Deavor, W. T. S.,	Silver Brook
Deering, Wm. A.,	Clifton Springs, N. Y.
Dryden, Millard F.,	Wheeling, W. Va.
Espy, J. Boyd,	Fredonia, N. Y.
Espy, Harry Boyd,	Fredonia, N. Y.
Fradenburgh, Lillian F.,	Wahpeton, N. D.
Fuller, George H.,	Chardon, O.
Flick, Wm. F.,	Lamartine
Frampton, Wm. E.,	Callensburgh
Gordon, S. M.,	Slippery Rock
Graves, Wm. R.,	Tompkinsville
Grote, Charles A.,	Greensboro, Ala.
Gibson, James S.,	Williamsport
Hall, Henry H.,	Ft. Reno, Okla.

Hess, J. Henry, ... Grafton, W. Va.
Hill, Charles C., ... Clymer, N. Y.
Hood, James E., ... Miller's Station
Heapes, Wm. J., ... W. Farmington, O.
Higby, Clinton D., ... Erie
Hill, Robert E., ... Ashtabula, O.
Humason, Geo. A., ... Warren
Johnson, Delbert L., ... Freeport
Jones Edwin R., ... North Bloomfield, O.
Kitashima, Watari, ... Cambridge, Mass.
Laverty, Joseph H., ... Meadville
Mahaffie, Wm. H., ... Blaine, Wash.
Mead, Wesley G., ... Coraopolis
Metcalf, Joel D., . . . West Somerville, Mass.
Mitchell, Walter, . . . Wellsburg, W. Va.
Mitchell, Chas. B., . . . Plainfield, N. J.
McCaughtry, James D., . . . Freeport. Ill.
Miller, James R., ... Tylersburg
Miller, Henry M., ... Warren
Moore, John W., ... Mentor, O.
Murray, Wm. P., ... Reynoldsville
Murray, Oliver E., ... Chicago, Ill.
E. J. Moore, ... Pyallup, Wash.
Newlin, A. W., ... Wintersville, O.
Neff, J. B , ... Kane
Newkirk, Chas. E., ... Rochester
O'Connor, David C., . . . Arlington, Neb.
Parsons, J. Arnold, ... Corry
Paugh, I. C., ... Guadenhutten, O.
Perry, Bedford L., ... Centreville
Phillips, Taylor F., . . . East Palestine, O.
Proctor, Chas. W., . . . Chestertown, Md.
Rice, Myrtie A. E., ... Westfield, N. Y.
Reed, Elizabeth J., . . . Bloomington, Ill.
Sherer, M. G., ... Grafton, W. Va.
Sturdevant, James W., . . . New York City
Showers, Lucian M., ... Sherrett
Sears, Chas. H., ... Edinboro

Siling, Will,	Mt. Hermon, Mass.
Scott, Mary E. S.,	Huron, S. D.
Thomas, Geo. P.,	Friendship, N. Y.
Thayer, Charles,	Chautauqua, N. Y.
Tannehill, N. B.,	Freeport
Trach, George,	New Washington
Wood, Jr., John A.,	Pittsburg

SENIORS.

Allen, Sara D.,	Meadville
Barber, Alice,	Meadville
Berst, Jessie May,	Erie
Black, Frank Willis,	Bruin
Coder, Anna,	Meadville
Corey, George W.,	North East
Cruttenden, Alice Gertrude,	Wellsboro
Dorworth, Hugh C., (E)	Oil City
Dunn, John H.,	Harthegig
Edson, Julia Anna,	Meadville
Eighmy, Lee W., (E)	Springboro
Fox, Robert F., (E)	Meadville
Foote, Stella Louise,	Wattsburg
Freeman, Henry H., (E)	Espyville
Harper, Florence,	Meadville
Henderson, Grace,	Allegheny
Johnson. Harry P.,	Blairsville
Johnson, Virgil Lindsey,	Atlantic
Jones, James L.,	Ingleside
Leffingwell, Wallace C.,	Kinsman, O.
Luse, Charles H.,	Carmichaels
Lytle, Edgar F.,	Meadville
McBride, John Lewis,	Seneca
McNees, D. Lowrie,	West Liberty
Metcalf, Ben H.,	Meadville
Nickerson, Elmer S.,	Hadley

Students whose names are followed by (E) are in the Civil Engineering Course. The others are in A. B. Courses.

Pappenhagen, Sophia, - - - Dennison, Txe.
Pierce, Bertha Garetta, - - - - Erie
Pierce, Gertrude Ruth, - - - - - Erie
Peffer, Crawford Alberti, - - - - Covode
Pickett, William C., - - - - Meadville
Rand, Herbert W., - - - - - Oil City
Ray, George S., - - - - - Meadville
Sisley, Frank H., - - - - Sheakleyville
Snyder, Cyrus Byron, Jr., (E) - - North Bloomfield, O.
Spencer, John C., - - - - - Hayfield
Tallman, Leon, - - - - - Meadville
Trumper, Fred J., (E) - - - Cleveland, O
West, Ferd D., - - - - - Meadville

JUNIORS.

Beardsley, Reed Dewayne, (E.) . . . Meadville
Campbell, James W., (E.) . . . . Kane
Chesbro, Ellis J., ... Sheridan, N. Y.
Cotton, Harry A., ... Meadville
Danforth, John L., ... Warren
Darragh, Robert W., ... Beaver
Davis, Alden O., ... Coal Center
Davis, George S., (E.) . . . . . Meadville
Douthitt, Theodore A., . . . North Sewickley
Dunn, Anna, ... Meadville
Gamble, Bruce, ... Meadville
Gelvin, Leida M., ... Meadville
Gelvin, Vernice G., ... Meadville
Harper, Edgar P., ... North Hope
Harper, Margaret, ... Meadville
Heydrick, Benjamin A., ... Meadville
Kurtz, Robert M., ... Cleveland, O.
Merchant, Willis J., ... Grove City
Murphy, Frank H., (E) . . . . Millerstown
Patchin, Harry R., ... Chardon, O.
Porter, J. Bennett (E) . . . . Meadville
Watson, R. Belle, ... New Castle

SOPHOMORES.

Bascom, Elvira, ... Meadville
Blackmarr, Frank H., . . . Jamestown, N. Y.
Bird, George W-, ... Freeland
Byerly, Minnie, ... Sharpsville
Calvin, Arthur J., ... Meadville
Cary, Jesse William, ... Meadville
Cooper, Rebecca, , ... Meadville
Dickey, Clinton M., ... Hartstown
Douds, William Sherman, . . . Calvin's Corners
Edson, Amanda, ... Meadville
Frey, Jean M., ... Meadville
Gibson, Wilmot H., (E.) . . . Blooming Valley
Hayes, Clemma Belle, ... Erie
Howe, John K., ... Tarentum
Humes, Sylvester C., ... Meadville
Johnson, Maude M., ... West Middlesex
Keeler, Myrta Mable, . . . Hubbard, O.
McKinney, Horace, ... Meadville
McElroy, Fred W., (E.) . . . . Smethport
Mount, Winnifred, ... Oil City
Mowry, Edgar D., ... Gowanda, N. Y.
Schryock, George, (E.) . . . . Meadville
Smith, Edward V., (E.) . . . . Meadville
Staples, Arthur, ... Kane
Starr, David L., ... Bellevue
Temple, Laura, ... Warsaw
Urick, Mary, ... Meadville
Ward, Bertha E., ... Franklin

FRESHMEN.

Arthur, Urie Nelson, (E.) . . . Belle Valley
Austin, Shirley, ... Meadville
Barber, Margaret Browning, . . . Meadville
Bell, Chauncey F., ... Meadville
Berlin, William C. K., ... Franklin
Berkhouse, Homer Milton, (E.) . . . Meadville

Brisbin, Aldus Mead, ... West Freedom
Calvin, Florence, ... Meadville
Campbell, Clara, ... Kane
Carew, Clement J., (E.) . . . . Meadville
Chamberlain, Herman S., (E) . . . Kumroy, O.
Clare, Herbert H., . . . Dunkirk, N. Y.
Crawford, Edna, ... Wampum
Cumings, Henry H., Jr., ... Tidioute
Davis, Millicent Marguerite, . . North Bloomfield, O.
Derby, George G., ... Meadville
Dickson, Eva B., ... Blooming Valley
Elliott, Alfred Cookman, . . . Deerfield, O.
Fenno, Vena, ... Mill Village
Foster, Emma, ... Meadville
Foster, George L., ... Jamestown, N.Y.
Frisby, Ida, ... Meadville
Fritchman, Elizabeth, . . . West Newton
Gage, George N., . . . Silver Creek, N. Y.
Harrop, Harry Stuart, (E.) . . . . Braddock
Heath, William Alexander, . . Kennedy, N. Y.
Heller, Glenn C., ... Saegertown
Hensel, M. Wesley, . . . New Alexandria
Howe, Marian, ... Meadville
Jaynes, Edwin W., . . . Olympia, Wash.
Jagomast, Francis Joseph (E.) . . Oak Park, Ill.
Kerr, Alice, ... Mercer
Laffer, Evelyn, ... Meadville
Langley, Myrna C., ... Edinboro
Murphy, William R., ... St. Petersburg
Newcomb, George Buell, . . . Townsend, N. Y.
Pachedjieff, Kosto J., ... Bulgaria
Packer, John S., (E.) . . . . Braddock
Palmer, Frederick, . . . Jamestown, N. Y.
Pickard, Ray F., ... Jamestown, N. Y.
Plummer, Ralph W., ... Chicago, Ill.
Reed, Edwin Downing, ... Meadville
Roddy, Alice E., ... Meadville
Rose, Susan A., ... Meadville

Scott, Flossie, ... Baldwin
Stilson, William Earl, ... Sugar Grove
Swearer, Wilbur C., ... Brownsville
Tryon, Allan Coke, (E.) . . . . Spartansburg
Virtue, Wellington, ... Guy's Mills
White, Norris A., ... New Castle
Wilkinson, Maud, ... Meadville
Williams, Edward Chesley, (E.) . . . Meadville
Wood, Samuel Alino, (E.) . . . Grampian Hills

SPECIAL.

Best, M. Blanche, ... Meadville
Lockard, M. Emma, ... Meadville
Mills, Gertrude, ... Barnesville, O.

THIRD PREPARATORY.

Anderson, George Breckenridge, (E), . . Meadville
Bates, Walter Irving, ... Meadville
Crary, Miner D., ... Sheffield
Creal, Earl Lindsey, ... Jamestown, N. Y.
Davidson, Eva, ... Rock Point
Farrar, Rush, (E), ... Toledo, O.
Gageby, Susan Adelia, ... New Castle
Gilger, Claude Cerastus, ... Hadley
Goodwin, Herman Wells, ... Sunville
Goodwin, Edwin D., ... Diamond
Hatch, Ralph T., ... Garrettsville, O.
Hawthorne, James Henry, . . . Cambridgeboro
Homer, F. LeRoy, ... New Hamburg
Howells, Ella R., ... Kane
Johnson, Myra Anna, . . . North Bloomfield, O.
Klingensmith, John Arthur, . . . Greensburg
Kittle, James S., ... Titusville
Larson, Louis A., ... Kane
Lawson, Leanore, ... Clarion
Lewis, George M., ... Panama, N. Y.
Lyon, Sadi Lore, ... Meadville

Miller, James Sylvester, ... Warren
Millhoff, Clarence B., ... Donegal
Mills, James Robinson, Jr., . . . Barnesville, O.
Moore, Ernest Lamotte, (E), ... Meadville
Myers, Caroline, ... Meadville
Porter, Walter G., ... Meadville
Rich, John Russell, ... Union City
Roach, William C., ... Fishkill, N. Y.
Ryan, Augustus E,, ... Meadville
Salisbury, Irvin Neuton, (E), . . Center Road Station
Schauweker, John J., (E), ... Meadville
Shontz. Ruth Esther, ... Evansburg
Smiley, Thomas Fessenden, . . . Oil City
Stackpole, Elbie G., ... Venango

SECOND PREPARATORY.

Abell, Margaret Jane, ... Coal Center
Bogrand, Floyd Henry, . . . Garrettsville, O.
Bordwell, Charles Ellwood, . . . Bear Lake
Bowman, Gail G., ... Mill Village
Boyer, Mary E , ... North East
Calvin, Presly, ... Meadville
Campbell, Anna, ... Kane
Carnahan, Herbert Malvern, ... Harmany
Carpenter, Otie Raymond, . . Blooming Valley
Carr, John, ... Meadville
Darragh, Daniel Stafford, ... Beaver
Gilmore, Lyle Donald, . . . Blooming Valley
Green, George Allen, ... Cleveland, O.
Grove, Noah Beltz, ... Stahlstown
Henretta, James Edward, . . . Harmonsburg
Horner, Burt Arthur, ... Stahlstown
Irvin, James, ... , . Meadville
Johnson, Charles Victor, ... Venango
Kephart, John William, ... Wilmore
Koen, Homer R., ... Mannington, W. Va.
Limber, Carl D., ... Sheakleyville

Luse, Jesse B., ... Carmichaels
Moore, David William, ... Seneca
Morrison, Chester Ludington, Jr., . . West Point, Va.
Pachedjieff, John J., ... Bulgaria
Pierce, Jerry, ... Sandford
Porter, Arthur L., ... Meadville
Porter, George W., ... Meadville
Root Claude Elnathan, . . . Cambridgeboro
Scott, Harry S., ... Jefferson Center
See, Best, ... Bradford
Shellito, Wallace Hill, . . . Espyville Station
Smith, Eddie Ellsworth, ... Pulaski
Spofford, Mae, ... Meadville
Trumper, Frank Richard, . . . Cleveland, O.
Trumper, Grace, ... Cleveland, O.
Wilson, Ulysses Grant, . . . Pepperell, Mass.
Yoder, David, ... Covode

FIRST PREPARATORY.

Bunce, Charles L., ... Meadville
Byerly, John Alphonsus, . . . Kelso, Wash.
Chase, Josiah Best, ... Meadville
Dickson, Nevin R., ... , Meadville
Dickinson, Charles Augustus, . . . Brookston
Dixon, Joseph Abram, . . . Warwick, N. Y.
Dutton, Grace, ... Meadville
Gornall, Oliver, ... Jamestown, N. Y.
Higgins, Weld Henry, ... Warren
Koen, Bessie, ... Mannington, W. Va.
Lang, Sadie, ... Cochranton
McCloskey, Daniel, ... Meadville
McDowell, Charles Cochran, . . . Meadville
Miller, Charles J. S., ... Franklin
Morris, Joseph D., ... Meadville
Sensebaugh, Jonathan Custer, . . Mineral Point
Sloan, Frank Lloyd, ... Allegheny
Weaver, Elizabeth Hamnett, . . . Mutual
Wells, George Frut, ... Freepor

UNCLASSIFIED.

Baker, Kate, ... Spring Creek
Bentley, Elizabeth Mae, ... Albion
Bright, Evelyn, ... Greenville
Brown, Agnes Margaret, ... Evansburg
Byers, Margaret M., ... West Middlesex
Cribbs, Bertha, ... Oil City
Davis, Cora, ... Kane
Donley, Margaret M., ... Mt. Morris
Fair, Lulu E., ... Oil City
Henderson, Maud C., ... Dempseytown
Hill. Maude, ... Meadville
Krick, Ruby E., ... Conneautville
Litzenburg, Mary, ... Oil City
Porter, Carrie, ... Oil City
Sandford, Etta, ... Meadville
Tate, Bessie, ... Meadville
Tinker, Etta May, ... Wabash, Ind.

SUMMARY OF STUDENTS.

COLLEGE:—		
	Post-graduate	78
	Seniors	39
	Juniors	22
	Sophomores	28
	Freshmen	53
	Special	3
		223
PREPARATORY:—		
	Third Preparatory	35
	Second Preparatory	38
	First Preparatory	19
	Not classified	17
		109
	Total	332

PRIZES AWARDED 1891-2.

ALLEGHENY LITERARY SOCIETY.

Fisk Declamation Prize, . . . RALPH T. HATCH
Chautauquan Oration Prize, . . . NOT AWARDED
Alumni Essay Prize, . . . WILLIAM C. PICKETT

PHILO-FRANKLIN SOCIETY.

Polyhymnian Declamation Prize, . JAMES W. CAMPBELL
Centenary Oration Prize, . . . ALDEN O. DAVIS
Kalamathean Essay Prize, . . CHAUNCEY F. BELL
Alumni Essay Prize, . . . D. LOWRIE MCNEES

OSSOLI LITERARY SOCIETY.

Flood Declamation Prize, . . . ALICE M. KERR
Arlie Mead Thoburn Essay Prize, . ALICE G. CRUTTENDEN

CALENDAR FOR 1892-1893.

June 23, 24, 25, 1892, . . Annual Examinations

June 26, 10:45 a. m., . . . Baccalaureate Sermon
By President D. H. Wheeler, LL. D.

June 26, 7:45 p. m., Annual Sermon before College Y. M. C. A.
By the Rev. J. M. Buckley, LL. D., editor of the *Christian Advocate*.

June 27, 2 p. m., ... Field Day

June 27, 8:00 p. m., . . . Inter-Society Contest

June 28, 3:30 p. m., Annual Meeting of Board of Control

June 28, 8:00 p. m., . . . Senior Class Day

June 29 9:30 a. m., Annual Meeting of Board of Trustees

June 29, 2:00 p. m., . . Meeting of Alumni Association

June 29, 8:00 p. m., Annual Concert of Conservatory of Music

June 30, 10:00 a m., . . Commencement Exercises

SUMMER VACATION.

September 13, Tuesday, 9:00 a. m., . Fall Term Begins

December 15, Thursday, . . . Fall Term Ends

WINTER VACATION.

January 3, 1893, Tuesday, . . Winter Term Begins

March 23, Thursday, . . Winter Term Ends

SPRING VACATION.

April 4, Tuesday, . . . Spring Term Begins

June 29, Thursday, . . . Commencement

POST-GRADUATE DEPARTMENT.

FACULTY.

D. H. WHEELER, LL.D., Dean.
J. H. MONTGOMERY, Ph. D.
J. C. FIELDS, Ph. D.
J. S. TRUEMAN, Ph. D.
J. W. THOMAS, A. M.

EXPLANATORY NOTES.

I. Graduates of reputable colleges completing the first year in one of the courses will receive the degree of Master of Arts *pro merito*.

II. Graduates of reputable colleges completing the three years of any course will receive the degree of Doctor of Philosophy *pro merito*.

III. Students who may have received a classical education, but have not graduated, may be admitted to pursue these courses to the degree of Doctor of Philosophy, but every such case will be considered upon its merits. Such applicants are requested to make a carefully detailed statement of the subjects they have studied, when they apply for admission to the department. Such applicants must be at least thirty years of age before they receive the degree. The A. M. *pro merito* is conferred upon graduates only. See I.

IV. Applications for admission to the course must be accompanied by the entrance fee of five dollars.

V. Students who have passed to the degree of Master of Arts *pro merito* in this Department, are not required to pay the entrance fee for the degree of Doctor of Philosophy.

VI. Examinations occur in Meadville the week before Commencement, in each year, and a fee of ten dollars is paid for examination upon each year's course. Another time may be arranged for by correspondence. In some of the courses arrangements may be made for examinations upon abstracts of subjects studied. (See X.)

VII. A fee of five dollars is paid for each diploma.

VIII. The whole cost of the Master's degree, including entrance fee and diploma, is twenty dollars ; the whole cost of the Doctor's degree is forty dollars ; of both degrees, forty-five dollars. Examination fees are due at the end of each year's course.

IX. Mixing courses, or selecting from two or more, is not permitted ; a measure of proficiency in some one department of knowledge is the basis on which the *pro merito* degrees are conferred.

X. Students may receive special instructions respecting methods of study by application to the Dean ; but the following general rule will be found sufficient in most cases. Read each work carefully, make a full and careful abstract of it, and present these abstracts at the end of each year to the examiner. The abstracts will, in most cases, aid in the examinations, and the making of them will fix the more important parts of such subject in the memory.

XI. The examinations may be taken all at once ; but the degree of Master of Arts will not be conferred until one year after graduation to A. B., and the degree of Doctor of Philosophy will not be conferred until three years after graduation to A. B., except for special reasons. Students may devote more than three years to the course ; only the minimum of time is fixed.

XII. A Thesis must be written and presented to the examiner by every candidate before the degree is conferred. The subjects for theses will be assigned by the several examiners.

XIII. Applicants for admission to these courses will receive blank registration papers to be properly filled up and returned to the Dean, who will then assign each student to the member of the Faculty having charge of the course selected, for direction in his studies.

XIV. Most of the works named in the courses are published in this country. The student can obtain them through any book dealer, or by sending direct to the publisher. In the case of foreign books, any prominent dealer will import them.

INSTITUTIONS

CO-OPERATING WITH

ALLEGHENY

COLLEGE.

MEADVILLE CONSERVATORY OF MUSIC.

FACULTY.

MRS. JUVIA C. HULL,

DIRECTOR,

Voice Culture, Oratorio, Concert Singing.

J. WILLIS CONANT,

Piano, Organ, Theory, Harmony, Sight Singing.

MARY R. PINNEY,

Piano.

FRED. B. NICHOLS,

Violin and all Stringed Orchestral Instruments.

HELEN F. NICHOLS.

Banjo and Guitar.

F. P. BOYNTON,

Cornet and all Brass Instruments.

FLORENCE LOVERIDGE,

Painting and Drawing.

LUCY PICKETT,

French.

NELLE GERTRUDE NICHOLS,

Physical Culture. Elocution.

GENERAL DESCRIPTION.

At the annual meeting, June 23, 1886, the Trustees of Allegheny College authorized the affiliation of the Meadville Conservatory of Music with the College. Each of the institutions remains under its own management, having separate charters and boards of trustees, but students in each may avail themselves of the advantages of the other.

Students in the Preparatory School may also study music in the Conservatory. In the preparation for the Latin and Modern Language Course, students may elect two years of Music as a substitute for Historical and other required studies.

Broad Culture Afforded.—The Meadville Conservatory of Music was established for the purpose of affording superior advantages for the study of Music in all its higher branches. It is a universally conceded fact that the intelligent, careful study of Music tends to give a refinement to the general manners, and to elevate the artistic taste to the greatest degree. The courses of study pursued are similar to those of the successful schools of Music in Europe and America, and are calculated to make cultured, thoroughly competent and skillful musicians of the graduates of this school ; also to give them a system of SCHOOL for their use when they in turn wish to became professional teachers. Lectures on music and musicians, and on the works of the masters, are free to the students of the Conservatory.

Parents and others bearing the expense of educating children, even if done without thought of their ever being obliged to use the education as a means of gaining a livelihood, demand that the most thorough systems and careful teaching shall be given in return for their money. This is proper, and the best of teachers can be obtained for lessons at a nominal sum, comparatively, in a large Conservatory, whose prices for private instructions would be beyond the reach of the masses.

DEPARTMENTS OF INSTRUCTION.

A school for the Piano.

A school for the Organ.

A school for Singing, Formation and Cultivation of the Voice, Concert Singing, etc.

A school for the Violin, Orchestra, Quartet and Ensemble playing.

A school for all Orchestral and Band instruments, and the Art of Conducting.

A school for Harmony, Composition, Theory and Orchestration.

A school for Church Music, Oratorio and Chorus Practice.

A school for training Music Teachers for Public Schools, Conventions, etc.

A school of Art.

The detailed outline of the courses of the several schools of Music can be had on application to the Director for the Conservatory Catalogue.

Lessons.—Pupils may receive two lessons in each branch of Music per week in the regular graduating courses. The Conservatory term consists of ten weeks (twenty lessons). No deduction for lessons missed.

Pupils may enter the Conservatory at any time, but if possible, it is always better to commence with the new term.

Four Years' Course.—The course comprises four years' work, and is divided into grades of three divisions, namely : Preparatory, Intermediate and Advanced.

Pupils are received into any division or grade which upon examination they may be qualified to enter.

RATES OF TUITION.

For private lessons per term of ten weeks, two lessons per week, payable in advance :

Piano, Violin, Cabinet Organ, Cornet, 1st and 2d grades, each	$15 00
Piano, Violin, Cabinet Organ, Church Pipe Organ, Cornet, 3d, 4th, 5th and 6th grades	20 00
Harmony	20 00
Harmony, class of four,	15 00
Voice, 1st and 2d grades (class lessons)	15 00
Voice, 1st and 2d grades (private lessons)	20 00
Voice, 4th, 5th and 6th grades	20 00

Theory of Music, class of four	$15 00
Counterpart, class of four	15 00
Composition, class of four	15 00
Orchestration, class of four	15 00
Estimated expenses per term for music used, about	5 00
Rent of Piano, one hour per day, per term	3 00
Rent of Pipe Organ, two hours per day, per term (motor attachment)	15 00

DEPARTMENT OF ART.

Diplomas.—Diplomas are given the graduate of these different courses, signed by the President of the Faculty, Director of Music, and teachers of the various departments from which they are graduated.

Lady Students' Home.—Ladies studying Music only are admitted to Hulings Hall on the same terms as other lady students.

There are thorough courses of study in Drawing and in Painting in Oil and Water Colors. For students of sufficient advancement, a class in Drawing from Life will be formed. There will be additional classes in Sketching and in Decorative Art.

The principles and practice of Art will be taught chiefly through the study of Antique Sculpture. On passing a satisfactory examination in this, students can enter other classes.

The studio is fully equipped with the finest full-sized casts of antique statuary, with studies drawn or painted from nature, etc.

RATES OF TUITION IN ART.

For term of ten weeks, two lessons per week, payable in advance :

Painting in Oil or in Water Colors, and use of Studio 3 hours daily	$10 00
Painting on China, and use of Studio 3 hours daily	10 00
Sketching	5 00
Physical Culture	10 00
Elocution	15 00

Classes in Physical Culture are under the instruction of Nelie Gertrude Nichols.

MEADVILLE
BUSINESS COLLEGE.

The Meadville Business College is an independent institution in which the students of the Preparatory School of Allegheny College may pursue business branches with special advantages.

FACULTY.

A. W. SMITH,
Principal of Commercial Department, Lecturer on the Theory and Practice of Business, Teacher of Book-keeping and Banking.

J. W. WAFUL,
General Agent and Teacher Plain and Ornamental Penmanship.

J. E. CAMPBELL,
Assistant in Commercial Department and Teacher of Practical and Ornamental Penmanship.

GEORGE H. St. JOHN,
Principal Academical Department.

A. B. RICHMOND & SON,
Lecturers on Commercial Law and Business Customs.

GEORGE H. St. JOHN,
Teacher Short-Hand and Type-Writing.

LULU BALDWIN,
Assistant in Short-Hand and Academical Department.

The College is located on Water street, but a few steps from the N. Y. P. & O. depot, and its windows look out on the beautiful city and surrounding hills and landscapes, thus obtaining for its spacious study rooms, with their high ceilings, the purest, and the best light.

The Business Department.—This department is fitted up with all modern improvements. It is heated by natural gas, and lighted by electricity. Double and single entry book-keeping, as applied to every department of business, is thoroughly taught by practical accountants.

Shorthand Department.—The Shorthand Institute and Type Writing School, in connection with the Meadville Business College, offers the best and cheapest facilities to students wishing to acquire the above subjects in the shortest space of time. It is useless to spend years of time in learning the old methods of Phonography.

The rates of tuition are but little more than one-half of that of similar institutions, while the use of the type writers and the instruction on the machine is free to all students in the department.

The demand for stenographers and operators of type writers of this department finds for them ready employment at good wages as soon as they have finished their course of study.

Penmanship Department.—Four of the finest penmen in America are connected with this College. Plain Business Writing in every style, Ornamental Penmanship in all its forms, such as Flourishing, Lettering, Fine Shading, Card Writing, German Text, Old English, Pen Drawing, Penciling, &c., is taught.

TERMS OF TUITION AND BOOKS IN BUSINESS COLLEGE.

Scholarship for the full course, entitling the holder to instruction in Book-keeping, Complete Shorthand, Commercial Law, Commercial Arithmetic, Correspondence, Practical and Ornamental Penmanship, Rapid Reckoning, Complete English Course, Type Writing, Detecting Counterfeit Money, etc., $75.00.

Books for Commercial Department for full course, cost from $5.00 to $10.00.

Tuition to ladies 25 per cent. off.

BOOK-KEEPING ALONE OR WITH ANY OTHER BRANCHES.

One month	$12 00
Two months	22 00
Three months	30 00
Six months	40 00
Unlimited scholarship	50 00

PRACTICAL PENMANSHIP.

One month	$ 5 00
Two months	7 00
Three months	8 00

ORNAMENTAL PENMANSHIP.

One month	$10 00
Two months	18 00
Unlimited scholarship	25 00

SHORT-HAND AND TYPE-WRITING.

Complete course, time unlimited	$40 00
Students holding full course Scholarships, 25 per cent. off, or	30 00
Full course, six months	30 00
Three months	20 00
Two months	15 00
One month	8 00
Telegraphy	Rates on Application.

TYPE WRITING.

To those who do not not hold Scholarships, per month	$ 5 00

All students not in the Short-Hand Department practicing on these machines will pay $2.00 per month for use of machine.

All tuition payable in advance.

Students from Allegheny College will be admitted to any of the departments at half rates.

Send for *The Reporter*, giving full information. Enclose four cents in stamps. Address, A. W. Smith, Meadville, Pa.

1892.

TRIENNIAL CATALOGUE

OF

ALLEGHENY COLLEGE.

FOUNDED IN 1815. CHARTERED IN 1817.

OFFICERS OF THE COLLEGE.

PRESIDENTS OF THE BOARD OF TRUSTEES.

Accessus.		*Exitus.*
1817	Rev. TIMOTHY ALDEN, D. D.	1818
1818	Hon. JESSE MOORE.	1819
1819	PATRICK FARRELLY, Esq.	1820
1820	Gen. ROGER ALDEN.	1825
1825	JOHN REYNOLDS, Esq.	1827
1827	Hon. HENRY SHIPPEN.	1830
1830	JOSEPH MORISON, Esq.	1845
1845	Hon. DAVID DERICKSON.	1874
1874	ALEXANDER BRADLEY.	

PRESIDENTS OF THE FACULTY.

Accessus.		*Exitus.*
1817	Rev. TIMOTHY ALDEN, D. D.	1833
1833	Rev. MARTIN RUTER, D. D.	1837
1837	Rev. HOMER J. CLARK, D. D.	1847
1847	Rev. JOHN BARKER, D. D.	1860
1860	Rev. GEORGE LOOMIS, D. D.	1874
1875	Rev. LUCIUS H. BUGBEE, D. D.	1882
1883	Rev. DAVID H. WHEELER, D. D., LL.D.	1888
1888	Rev. WILBUR G. WILLIAMS, D. D.	1889
1889	Rev. DAVID H. WHEELER, D. D., LL.D	

VICE PRESIDENTS OF THE FACULTY.

Accessus.		*Exitus.*
1817	Rev. ROBERT JOHNSON, D. D.	
1833	Rev. HOMER J. CLARK, D. D.	1837
1837	Rev. MATTHEW SIMPSON. D. D.	1839
1839	Rev. JOHN BARKER, D. D.	1847
1847	Rev. GEORGE W. CLARKE, D. D.	1855
1855	Rev. CALVIN KINGSLEY, D. D.	1857
1857	Rev. LORENZO D. WILLIAMS, A. M.	1863
1863	Rev. JONATHAN HAMNETT, D. D.	1885
1885	Prof. GEORGE W. HASKINS, A. M.	1886
1886	Rev. N. LUCCOCK, D. D.,	1888
1888	Rev. D. H. WHEELER, LL. D.	1889
1889	Prof. JAMES H. MONTGOMERY, Ph. D.	

MEMBERS OF THE FACULTY.

Accessus.	*Professors.*	*Exitus.*
1817	Rev. TIMOTHY ALDEN, D. D.	1833
1817	Rev. ROBERT JOHNSON, D. D.	
1829	Rev. DAVID McKINNEY, D. D.	1830
1829	REYNELL COATES, M. D.	1830
1833	Rev. MARTIN RUTER, D. D.	1837
1833	Rev. HOMER J. CLARK, D. D.	1847
1833	AUGUSTUS M. RUTER, A. B.	1836
1836	Rev. WILLIAM M. BURTON, A. M.	1839
1837	Rev. MATTHEW SIMPSON, D. D.	1839
1837	Rev. GEORGE W. CLARK, D. D.	1855
1838	Rev. R. T. P. ALLEM, A. M.	1843
1839	Rev. JOHN BARKER, D. D.	1860
1840	Rev. CALVIN KINGSLEY, D. D.	1857
1840	Rev. MOSES CROW, D. D.	1841
1845	Rev. JONATHAN HAMNETT, D. D.	
1846	Rev. LORENZO D. WILLIAMS, D. D.	1863
1855	Rev. ALEXANDER MARTIN, LL.D.	1864
1850	Rev. WILLIAM HUNTER, D. D.	1871
1861	Rev. GEORGE LOOMIS, D. D.	1874
1863	Rev. JAMES MARVIN, D. D., LL.D.	1875
1863	JEREMIAH TINGLEY, Ph. D., LL.D.,	1886
1864	Rev. AMMI B. HYDE, D. D.	1884
1866	GEORGE F. COMFORT, Ph.D.	1872
1872	CHARLES W. REID, A. M., Ph.D.	1886
1875	GEORGE W. HASKINS, A. M.	1886
1875	Rev. LUCIUS H. BUGBEE, D. D.	1882
1877	First Lieut. F. W. HESS, U. S. A.	1880
1880	First Lieut. GEO. O. WEBSTER, U. S. A.	1884
1882	MILTON B. GOFF, Ph.D., LL.D.	1884
1883	Rev. DAVID H. WHEELER, D. D., LL.D.	
1884	First Lieut. ALFRED M. FULLER, U. S. A.	1887
1885	Rev. N. LUCCOCK, D. D.	1888
1885	Rev. WILBUR G. WILLIAMS, D. D.	1889
1885	JAMES H. MONTGOMERY, A. M , Ph.D.	
1886	S. E. STILWELL, Ph.D.	1889
1886	EMILY F. WHEELER, A. M.	1887
1887	First Lieut. J. F. KREPS, U. S. A.	1890
1889	J. W. THOMAS, A. M.	
1889	JAMES S. TRUEMAN, Ph.D.	1892
1889	JOHN C. FIELDS, Ph.D.	
1890	Sec. Lieut. JOHN K. CREE, U. S. A.	
1890	W. T. DUTTON, C. E.	

Accessus.	*Instructors.*	*Exitus.*
1877	WILBUR G. WILLIAMS, A. M.	1882
1877	J. H. MONTGOMERY, A. M.	1885
1880	HARRIET A. LINN, A. M.	1883
1884	Rev. ALEXANDER W. NEWLIN, A. M.	1888
1884	LOUISE S. McCLINTOCK, A. M.	1886
1886	Rev. ALBERT E. COLEGROVE, A. M.	1889
1887	WILLIAM S. TWINING, C. E., A. B.	1890
1888	Rev. JOHN H. MILLER, A. M.	1889
1888	MARY E. BROAS, A. M.	1889
1889	WILLIAM A. ELLIOTT, A. M.	
1889	GRACE I. FOSTER, A. M.	1891
1890	JAMES S. GIBSON, A. M.	1891
1890	ELLEN W. LAFFER.	
1890	M. BLANCHE BEST.	
1891	CHARLES S. JEWELL, A. B.	

ALUMNI.

The co-operation of the Alumni is asked to keep this list as correct as possible. Send additional information or corrections to the Secretary of the Faculty.

*Deceased.

1821.

Timothy J. F. Alden, M. A.*
Thobert W. Alden, M. A.*
David Derickson, M. A., LL.D.*
Alexander M. White, M. A., M. D.*

1824.

David M. Farrelly, M. A.*

1826.

James L. A. Crary, M. A.*
John W. Farrelly, M. A.*
William B. Fordney, M. A.*
Charles B. Power, M. A.*
Oliver A. Taylor.*

1831.

Bradford R. Alden,*
James G. Wilson.*

1834.

James M. Ellis,*
Thomas Van Horne, M. A.*
Philander S. Ruter.*

1835.

George W. Clarke, M. A , D. D , Akron, Ohio
William H. Davis, M. A.*
William McMichael, M. A.*
Orloff A. Zane.*

1836.

Cyrus Nutt, M. A., D. D.,*

1837.

Lewis Burton, M. A., D. D., Cleveland, Ohio
R. W. Lauck, M. A., Brook County, West Virginia
Joseph Morrison, Jr.*
John McMasters, M. A. Erie
William Reynolds, M. A , Meadville
George White, M. A., Williamsport

1838.

Edward A. Bryson. Belmont, Ohio
Jabez A. Burton.*
Milton C. Canfield, M. A. Chardon, Ohio
Joseph Gist, M. A., M. D., Independence, West Virginia
Henry Shippen, M. A.*
Joseph Uncles, M. A.*

1839.

William Baldwin.*
William H. Barris, M. A., Iowa City, Iowa
Orson W. Bennett, M. A , Jackson, Michigan
William L. Callender, M. A., Victoria, Texas
P. A. Farelly.*
C. A. Frazee. Mississippi
Joshua Gist, M. A., M. D., Independence, West Virginia
Jonathan Hamnett, M. A., D. D., Meadville
F. H. Pierpont, M. A., Fairmont, West Virginia
J. M. Plant, Kinsman, Ohio

1840.

M. R. Atkins, M. A.*
A. E. S. Bailey.*

John H. Bailey, M. A.,* . . . . . Perry, New York
Gordon Battelle, M. A., ...
Benjamin Bassell, Jr., ... Fairmont, West Virginia
J. P. Brawley, M. A.* . . . . . .
Moses Crow, M. A., D. D.* . . . . .
Darwin A. Finney, M. A.* . . . . . .
Francis A. Hall, M. A., ... Kentucky
J. B. Johnson, M. A.* . . . . . .
W. A. Kelley, ... Venango County
Johnson Pearson, M. A., ... Mercer
M. G. Porter, ... Venango County
J. S. Stewart, M. D., ... Shaver's Creek
J. J. Sikes, M. A., ... California

1841.

Richard N. Allen, ... Texas
Charles W. Bailey, M. A., . . East Rockingham, West Virginia
William S Baird, M. A , ... Salem, Ohio
Orville Babcock, ... Ashtabula, Ohio
Samuel N. Callender, M. A., ... Mt. Crawford, Virginia
Selden S. Cooke, ... Marietta, Ohio
Charles A. Derickson.* . . . . . .
William K. Galley.* . . . . . .
Calvin Kingsley, M. A., D. D.* . . . . .
Ebenezer B. Lane, M. A.* . . . . .
Almiran G. Miller.* . . . . . .
Victor M. Rice, M. A.* . . . . . .
Robert J. White, M. A., ... Peoria, Illinois
Charles Woodruff, M. A. . . . . Detroit, Mich.
Napoleon B. Youngs, ... Ohio

1842.

W. V. P. Blakeslee, ... Erie
George F. Brown, M. A., ... Warren, Ohio
C. W. Callender, M. A.* . . . . . .
John H. Davis.* . . . . . .
G. B. Hawkins, M. A.* . . . . . .
William S. Harris, ... New York
Reuben G. Webb, ... New York
Peter Wright, ... Pennsylvania
Samuel Woods, LL.D., ... Phillippi, West Virginia

1843.

George E. Appleton, M. A. . . . . Birmingham
Martin S. Harmon.* . . . . . .

David S. Morris, ... New Castle
R. J. Powers, M. A., ... Pittsburg
Benjamin F. Stowe,* . . . . . .

1845.

Rodney Norton, Jr., ... Cedar Falls, Iowa
Hezekiah Reeder, ... Kentucky

1846.

David Bain, M. A.,* . . . . .
G. W. K. Gibbons,* . . . . . .
W. McC. Groff,* . . . . . .
Alexander Hunt, M. A., ... Osage, Iowa.

1847.

William A. Davidson, M. A., D. D., . . Cuyahoga Falls, Ohio
Sanford Hunt, M. A., D. D., ... New York City
Egbert A. Jackson, ... Gallipolis, Ohio
Alexander, Martin, M. A., D. D., LL. D., . . Greencastle, Indiana
Samuel H. Nesbit, M. A., D. D.,* . . .
George T. Pearson,* . . . . .
Benjamin B. Pickett, M. A., ... Meadville
Charles B. Stevens, M. A., ... Beecherville, Ohio
George Williamson, M. A.* . . . .
John B. Williamson, M. A.* . . . .

1848.

William Annesly, ... New York
William Bailey, M. A., ... Ohio
E. G. Huston, M. A.* . . . . .
E. P. Jones, ... Pittsburg
W. D. McGowan, M. A., M. D., . . . Pittsburg
J. W. Porter, ... Mercer County
William Swisshelm, M. A., ... Pittsburg
Marvin Warren, ... Bellefontaine, Ohio
James W. Wilson, M. A., ... Nunda, New York
Robert Hays, M. A., ... Highland, Ohio

1849.

James Greer, M. A.* . . . . .
O. N. Harthorn, M. A., LL.D., . . . Boulder, Col.
Moses Hill, M. A., D. D., ... Kalamazoo, Michigan
Alfred Keeling, M. A.,* . . . . .
Henry O. Larkin, M. A.,* . . . .
J. K. Lee, M. A., M. D.* . . . .

George L. Little, M. A.,*
D. A. McCready, M. A.,*
James Pollock, M. A., Pittsburg
R. W. Williams,*

1850.

R. Wesley Black, M. A., Washington, District of Columbia
James C. McNight, M. A., Pennsylvania
T. C. McCormick, Cadiz, Ohio
John Randall, M. A., Waterloo, Iowa
Josiah Robins, Niles, Ohio
Washington Robbinson, M. A.,*
Solomon Schoyer, Jr., M. A., Pittsburg
Silas Searl, M. A., Murfreesboro, Tennessee
C. W. Smith, M. A ,*
Alexander Stacy.*

1851.

Adam Beck.*
A. J. Brown, Pennsylvania
I. O. Chapman, M. A.,*
G. W. Clarke, M. A., Ph. D., Mt. Union, Ohio
John Y. Cowhick, M. A., Cheyenne, Colorado
Lathrop S. Ellis, M. A., M. D., Manistee, Michigan
William G. Hobbs, Wheeling, West Virginia
H. C. Huston.*
James Marvin, M. A., D. D., LL.D., Lawrence, Kansas
R. C. Parsons, M. A., Salem, Massachusetts
Aaron Sullivan, M. A.,*
Silas E. Warren,
George D. Wooden, Pennsylvania

1852.

Simon S. Burton, M. A., Corry
J. N. Caldwell, M. A., Indiana
Rufus Cooley, M. A., New York
John H. Croxton, M. A., Salem, Ohio
J. E. Cummings, M. A.*
W. H. Doughty, M. A., Dakota
John F. Duncombe, M. A., Des Moines, Iowa
Wm. T. Dunn, M. A., Allegheny City
Henry M. Farr, M. A., Salem, Iowa
Samuel F. Gard, M. A., New Orleans, Louisiana
Christopher Heydrick, M. A., Franklin
C. K. Holiday, M. A., Topeka, Kansas
John J. Keel*

Elijah Knox, M. A., ... North Carolina
Albert L. Long, M. A., D. D., . . . Constantinople, Turkey
Samuel Magaw, M. A., ... Beaver
Jared C. Marcy, M. A., ... Jacksonville, Florida
J. R. Merriman, M. A., ... Schenectady, New York
J. B. Patton* . . . . . .
Stephen S. Sears, M. A.* . . . . . .
C. R. Stuckslager, M. A., M. D., ... McKeesport
Thomas Wilson, M. A., ... Winona, Minnesota

1853.

J. W. Campbell, ... Wheeling, West Virginia
J. C. Cotton, M. A., M. D., ... Meadville
J. F. Eberhart, M. A., ... Chicago, Illinois
D. J. Gilbert, ... Ohio
D. D. Goshorn* . . . . . .
John H. Gray* . . . . . .
John C. High, M. A., ... Bennett
John H. Hopkins, M. A., ... Albion, Michigan
W. P. Jones, M. A.,* . . . . . .
Russell F. Keeler, M. A., D. D., ... Hubbard, Ohio
Julius Lee, M. A., ... Los Angeles, California
P. M. McFarland, M. A., ... Ohio
Philo P. Pinney, M. A., ... Conneautville
A. M. F. Randolph, M. A., ... Emporia, Kansas
John M. Sullivan, M. A., M. D., . . Bordentown, New Jersey
Robert D. Wallace, M. A., ... New Castle
Thomas L. Williams, M. A., ... West Virginia

1854.

Edwin M. Bearce, M. A.* . . . . . .
Thomas H. Hagerty, M. A., D. D., . . . St. Louis, Missouri
L. L. Hartman, M. A., ... Mifflinsburg, Kansas
Joseph McCarty, - - - - - - Salem, Iowa
James M. McKelvey, M. A., - - - St. Cloud, Minnesota
B. F. Martin, M. A., - - - - - Grafton, West Virginia
F. W. Shippen, M. A.* - - - -
S. S. Stuntz, M. A.* - - - - -
J. Walter Waugh, M. A., D. D., - - - Allahabad, India
Samuel Wilkinson, M. A., - - - - - Meadville
N. E. Worthington, M. A., - - - - Peoria, Illinois

1855.

P. S. Bancroft, M. A., - - - - - Butler
Wesley C. Best, M. A., - - - - - Philadelphia
M. S. Bonnifield, M. A., - - - - - - Nevada
William L. Boydston, M. A., - - - Nebraska City, Nebraska

Benjamin R. Bratt, M. A., M. D.*
F. Brown, M. A.,*
J. W. B. Clarke, M. A., Ashtabula, Ohio
W. B. Cline, M. A., Texas
Milton B. Goff, M. A., Ph. D., LL.D.*
J. B. Grover, M. A., Cameron, Mo.
Thomas Hammond, M. A., McConnellsville, Ohio
Horatio S. Kennedy, M. A., Tennessee
N. W. McConnell, M. A., Hartsville, Tennessee
Joseph McDowell, Portsmouth, Ohio
Ephraim Miller, M. A., Lawrence, Kansas
J. Neff, Jr., M. A., Baltimore, Maryland
E. H. Ottinger.*
Joseph W. Pickett, M. A.*
N. B. Reisinger, M. A.*
E. M. Spencer, M. A., Mt. Vernon, Indiana
M. B. Welch, M. A., Beaver

1856.

William D. Archibold, M. A., New York City
Horace W. Bancroft, M. A.,*
Daniel Canfield, M. A., Marietta, Ohio
Pearson Church, M. A., Meadville
Myron Park Davis, M. A. Meadville
Edward Ellison, M. A.*
Nelson Green, M. A.*
James P. Hassler, M. A., M. D., Meadville
N. B. Heth, M. A., Springfield, New York
William B. Holt, M. A., St. Petersburg
G. W. Johnson, M. A., Avalon
L. D. Kee, M. A.*
O. S. Long, M. A., Charlestown, West Virginia
Samuel B. Myers, M. A., Franklin
J. W. H. Reisinger, M. A., Meadville
Irus H. Smith, M. A*
Hugh G. Smith, M. A.*
Edward P. Snow, M. A.*

1857.

William Burgwin.*
Wm. M. Clement.*
Wm. McC. Dravo, Pittsburg
L. B. Duff, M. A., Pittsburg
J. P. Gould, M. A., Mt. Union
F. M. Gregg, M. A., D. D., Chicago, Illinois

Wm. H. Heller, M. A.*
Harvey Henderson, M. A., Pittsburg
R. S. Hogue, M. A.*
F. A. Jones.*
Joseph R. Kinkead, M. A., Meadville
Wm. H. McCarty, M. A., McConnelsville
R. U. McEntire, M. A., Custards
A. J. Merchant, M. A., D. D., Grove City
Henry T. Patten, Warsaw, Missouri
J. N. Pierce, M. A., Clinton, Missouri
W. L. Redmond, M. A.*
Orville A. Ross, St. Louis, Missouri
Z. W. Shadduck, M. A.*
B. I. Sterrett, M. A.*
James M. Thoburn, M. A., D. D., Calcutta, India
D. D. Waugh, M. A., Ohio

1858.

T. J. Augustine, M. A., Shelbyport, Maryland
W. C. Burchard, M. A.,*
William Church, M. A., M. D.*
George Elliott, M. A., Meadville
M. E. Garrison, M. A.*
Charles J. Hamnett, M. A, Homestead
John B. Hays, M. A., Brooklyn, New York
Isaac R. Hogue, M. A. Ohio
J. N. Hosey, M. A, Springfield, Missouri
Marcus Hotchkiss, M. A.*
H. T. McDowell, M. A., Macon, Georgia
Daniel Mathias, M. A.. Haddam, Missouri
John W. Mathias, M. A., Washington, Kansas
S. G. Nye, M. A., Oakland, California
E. J. Osborne, M. A., New Grenada
G. W. Ready, M. A., Painesville, Ohio
J. A. Ready, M. A., Greenfield, Missouri
F. A. Reno, Erie
A. M. Robbins, Cleveland, Ohio
John Stephens, M. A., Scio, Ohio
Wesley D. Stevens, M. A., New Athens
Milton S. Westfall, Augusta, Ohio
Thomas C. Westfall, M. A.*
Samuel Wykoff, M. A., Grand Island, Nebraska
Samuel Wilson.*

1859.

D. G. C. Baker, M. A., North Carolina
R. S. Borland, M. A., D. D., North East

Sidney G. Brock, M. A., Ph.D. . . . Washington, D. C.
A. G. Crowell, M. A., ... Lovell's Station
U. R. Fox . . . . . North Georgetown, Ohio
Henry Grunder, M. A., ... Mt. Sterling, Illinois
Joseph W. Hillier, M. A., M. D , ... West Middlesex
Lewis Kimmel, M. A., ... Elderton
A. D. Lee, M A.* . . . . . .
O. G. McEntire, M. A., ... Tidioute
Henry Mansel, M. A., D. D., ... Cawnpore, India
J. H. Messmore, M. A., ... Naini Tal, India
J. A. Neill, M. A., ... Titusville
Cyrus Pickett, M. A., ... New Haven, Connecticut
J. Rowley, M. A., ... Vermillion, S. Dakota
O. H. Sackett.* . . . . .
A. Z. Thomas, M. A., ... Carrolton, Ohio
D. W. Wampler, M. A., ... Chicago, Illinois

1860.

William W. Arnett, D. D., ... Wheeling, West Virginia
N Hutton Axtell, M. A , ... Englewood, Illinois
S. H. Birdsall, M. A., ... Greeley, Colorado
J. B. Brawley, M. A.* . . . . .
F. G. Custard.* . . . . .
J. F. Daton, M. A., ... Steubenville, Ohio
J. L. Hatch, M. A., ... Corry
H S. Johnson.* . . . . . .
S B. P. Knox, M. A., M. D., . . . Santa Barbara, Cal.
P. A Laffer. M A.* . . . . . .
G. W. Maltby, M. A * . . . . . .
R. S. McEntire, M. A , ... Muscatine, Iowa
Wm. V. Morrison, M. A., D. D., . . South Braintree, Massachusetts
A. D. Norris, M. A., ... Rome, Tennessee
R. H. Patterson, M. A., ... Clymer, New York
J. W. Phillips, M. A., ... St. Louis, Missouri
Hiram L. Richmond, Jr., M. A., ... Meadville
J. B. Reinholdt, M. A., M. D.* . . . . .
W. Robinson.* . . . . . .
J. W. Smith, M. A., ... Meadville
Z. C. Smulin.* . . . . . .
Henry Wilson, M. A., ... Uniontown

1861.

E. B. Byers, ... Brookfield Ohio
J. D. Chadwick, M. A., ... Franklin
John B. Compton, M. A., ... Meadville
S. M. Davis, M. A., D. D., - - - - Oak Park, Illinois

A. H. Domer, M. A., D. D., - - - - Madison, Ohio
F. W. Hays. M. A., - - - - - - Oil City
O. B. Hendrick.* - - - - - -
Andrew Johnson, - - - - Wheeling, West Virginia
J. H. McKelvey.* - - - - - -
N. G. Miller, M. A., D. D. - - - - - - Indiana
George Norris, - - - - - Brooklyn, New York
A. C. Nutt.* - - - - - - -
M. M. Phelps, - - - - - - Janesville, Wisconsin
C. B. Rich. - - - - - - - Lock Haven
S. B. Smith.* - - - - - -
I. N. Taylor, M. A., M. D., - - - - - Edinboro
A. M. Williams, M. A., M. D., - - - Binghampton, N. Y.

1862.

Alexander Ashley, - - - Washington, District of Columbia
Curtis Arnold, M. A., - - - - - - Shenango
W R. Bole, M. A., - - - - - San Francisco, Cal.
E. B. Cummings, M. A., - - - - - Portland, New York
R. C. Frey, M. A.* - - - - -
John J. Henderson, M. A., - - - - - - Meadville
D. R. Greer, M. A , - - - - - - New Castle
A C. Hickman, M. A., - - - - - Winona, Minnesota
C. O. Johnson.* - - - - - -
Lester Kuder, M. A., - - - - - - Greenville
E. A. Ludwick, M. A.* - - - - -
D. T. McKay, - - - - - - - Black Ash
T. J. McKean, M. A., - - - - - - - Franklin
A. R Miller, M. A., D D., - - - - - Altoona
James R. Mills, M. A., D. D., - - - Barnesville, Ohio
James McNaughton, M. A., - - - - - Corry
Frank P. Ray, M. A , - - - - - - Meadville
A. J. Thomas.* - - - - - - -
T. H Vosburg.* - - - - - -
T, J. Wells, - - - - - - Chicago, Illinois
L. W. Wilcox, - - - - - - - Titusville

1863.

James M. Bray, M. A., ... Erie
W. Kennedy Brown, M. A., D. D., . . . Cincinnati, Ohio
A. D. Chambers, M. A., ... Hartford, Kansas
H. M. DeFrance, M. A , ... Portland, Oregon
A C. Johnson, M. A., D. D , ... Blairsville
D. M. Gill, M. A.* . . . . . .
Edward H. Henderson, M. A., ... Meadville

A. J. Lindsey, ... Cambridgeboro
W. A. Pinney,* . . . . . .
W. W. Smith, ... Nebraska City
G. W. Snyder, M. A.,* . . . . . .
J. T. Streit, M. A.,* . . . . . .
R. N. Stubbs, M. A , ... Silver Creek, New York
J. A. Thomas, M. A., ... Plattsburg, Minnesota
J. R. Weaver, M. A., ... Greencastle, Indiana
T. C. Wright, ... Meadville

1864.

F. A. Arter, M. A , ... Cleveland, Ohio
M. T. Bales, M. A., ... Kansas City, Missouri
T. F. Bracken, M. A., ... New Florence
D. R. Coder, M. A., ... Meadville
Charles E. Hall, M. A., D. D., ... Madison, Wisconsin
G. W. Haskins, M. A., ... Meadville
J. Kinniff, M. A., ... Lawrence, Kansas
Charles McCaslin, M. A., ... Webster
George McLaughlin, M. A., . . . Monticello, New York
L. S. Norton, M. A.,* . . . . . .
D. A. Pierce, M. A., ... Fayette
James J. Tollerton, M. A., ... Cedar Falls, Iowa

1865.

George A. Chase, M. A., ... Titusville
J. Keemer Davis,* . . . . . .
R. N. Demain, M. A., ... Georgetown, Colorado
B. F. Edgell, M. A., ... Newport, Ohio
Simpson W. Horner, M. A., D. D., . . . LaCrosse, Wisconsin
Dana L. Hubbard, ... Indianapolis, Indiana
Lloyd Lowndes, ... Washington, District of Columbia
E. S. Mechesney, ... Steven's Point, Wisconsin

1866.

James F. Burwell, M. A.,* . . . . . .
Newton Chalker, M. A., ... Akron, Ohio
J. D. Hammond, M. A., ... Virginia City, Nevada
Carlo C. Mechem, M. A., ... Ottawa, Kansas
Wm. J. Mitchell, M. A., ... Lincoln, Nebraska
R B. Murray. . . . . Youngstown, Ohio
L. W Ong, M. A.* . . . . . .
William W Painter, M A., ... Chicago, Illinois
John A. Simpson, M. A , ... Kansas City, Kansas
Charles H. Stocking, M. A., ... Burlington, Iowa
Welty J. Wilson, M. A., ... Canton, Ohio

1867.

F. Blackmar, M. A., - - - - - - - Meadville
M. B. Chadwick M. A., - - - Owatonna, Minnesota
Cyrus C. Clark, M. A.* - - - - -
Edward Clark, M. A., - - - - - Caseville, Michigan
E. D. McCreary, M. A., Ph D, - - - San Francisco, California
J. I. Pinney, M. A., - - - - - Cleveland, Ohio
H. C. Titus, - - - - - - - Philadelphia

1868.

J. G. Albin, M. A.,* - - - - - - -
B. F. Beazell, M. A., D. D., - - - - - Pittsburg
A. A Brown, - - - - - - Hartsville, Ohio
J. P. Colter, M. A., - - - - - - Meadville
G. F. Davenport, - - . . . . Meadville
J. R. Grove, M. A, - - - - - Coudersport, New York
N. P. Kinsley, M. A, - - - - - - Franklin
G. S. McMillen, M. A., - - - - Cuyahoga Falls, Ohio
H. Neville, M. A., M. D., - - - - Jamestown, New York
R. F. Randolph, M. A, D. D., - - - - Buffalo, New York
J. T. Riley, M. A., - - - New Cumberland, West Virginia
William Todd, M. A, - - - - - - Beaver
J. A. Wright, M. A, - - - - - - Antioch, Ohio
Lewis Wick, - - - - - - - Stanton

1869.

F. D. Bostwick.* - - - - - -
C. W. Darrow, - - - - - - Tacoma, Wash
G. W. Delamater, M. A., - - - - - Tacoma, Wash.
W. M. Dight, - - - - - - - Mercer
George S. Ferris, M. A., - - - - - - Pittston
A. B. Force, M. A., - - - - - - Pittsburg
C. W. Foulke, M. A., - - - - - - New Castle
Henry Hamlin Hall, M. A, - - - Fort Reno, Okla. Ter.
William H. Haskell, M. D, D. D., - - - Steubenville, Ohio
Homer J. Humes, M. A., - - - - - Meadville
Theodore A. Lamb, M. A., - - - - - - Erie
Wallace Martin.* - - - - - - -
J. W. McEntyre, M. A., - - - - - Kittanning
G. E. Neville, M. A., - - - - - Mayfield, Ohio
J. O. Parmlee, M. A., - - - - - - - Warren
G. W. Plummer, - - - - - - Chicago, Illinois
W. W. Powers, M. A.* - - - - - -
W. A. Reeves, - - - - - - Warren, Ohio
W. E. Reis, M. A., - - - - - - New Castle
G. H. Taylor, M. A., - - - - - Warren, Ohio

1870.

Caleb H. Barnes, - - - - - - Meadville
Clermont Barris, - - - - - - New York City
Ira D. Darling, M. A., - - - - - - Sheffield
Alexander Dight, M. A., - - - - Lowell, Massachusetts
James C. Graham, M. A., - - - - - Little Cooley
David A. Hays, - - - - - - Franklin
N. H. Holmes, M. A., D. D., - - - - Franklin
E. R. Jones, M. A., - - - - - - Canonsburg
William J. Lewis, - - - - - Johnstown
A. T. Livingston, M. A., - - - - - - Philadelphia
C. A. Moody, - - - - - - Painesville, Ohio
A. H. Roudebush, M. A., - - - - - New York City
A. G Richmond, M. A., - - - - - Meadville
J. Q. Speaker, M. A, - - - - - Pomeroy, Ohio
J. T. Spencer, - - - - - - Dakota City, Nebraska
F. B. Stephenson, M. A., - - - - United States Navy, Boston

1871.

A. A. Brooks, - - - - - - - - Erie
S. B. Craig, M. A., - - - - - Warren, Ohio
C. D. Davie, M. A. - - - - - Salamanca New York
James Eldon, M. A. Ph. D., - - - - - Lock Haven
Lemuel S. Fawcett, M. A., - - - - - Sioux City, Iowa
E. B. Flower, M. A. - - - - - - Meadville
S. B. Hotchkiss, M. A., - - - - - - Edinboro
L. T. Kirk, M. A., - - - - - Sedalia, Missouri
G. W. Loomis, M. A., - - - - Rochester, New York
R. B. Mansell, M. A., D. D., - - - - Monongahela City
F. O. Marvin, M. A., - - - - Lawrence, Kansas
T. M. McFarland, M. A, - - - - - - Pittsburg
A. R. Ong, M. A., - - - - - Martin's Ferry, Ohio
Stephen Quinon, M. A., - - - - - - Pittsburg
J. E. Silliman, M. A., M. D., - - - - - - Erie
S. S. Simpson, M, A., - - - - - Camp Chase, Ohio
Silas Sprowls, M. A., - - - - - Boston, Massachusetts
E. W. Tollerton, M. A., - - - - - Toledo, Ohio
J. M. Thompson, M. A., - - - - - Greece City
J. F. Wilson, M. A., - - - - - Warren, Ohio

1872.

J. N. Clarke, - - - - - - Nashville, Tennessee
W. S. Foltz, - - - - - - - New Castle
Le R. S Foltz, - - - - - - - New Castle
R. G. Graham, M. A., - - - - - - Meadville

A. W. Harbison, - - - - - New Castle
E. G. Hogate, M. A., - - - - - Danville, Indiana
J. N. Hunt, M. A., - - - - - - - Pittsburg
J. O. McClintock, M. A., - - - - - - Meadville
C. F. Stokey, M. A., - - - - - - Canton, Ohio

1873.

H. S. Bates, - - - - - - - Kinzua
A. D. Bedford, - - - - - - San Bernardino, Cal.
M. C. Harris, D. D.: - - - - - San Francisco, Cal.
O. T. Hoffman, - - - - - - - Warren
T. M. Honeywell, - - - - - - - Oil City
S. B. Griffith, - - - - - - - - Mercer
C. E. Loomis, - - - - - - Attica, New York
R. A. McKinley, M. A., Ph.D., D. D., - - - Clearfield
W. McClintock, - - - - - - Cleveland, Ohio
H. M. Miller, - - - - - - - Chicago, Illinois
M. E. D. Nash, M A., - - - - Brooklyn, New York
J. S Stewart, M. A., - - - - - - Pittsburg
J. M. Williams, M. A., - - - - - Cleveland, Ohio
G. J. Wolf, - - - - - - - Bradford
T. H. Woodring, M. A., M. D., - - - - Wilkinsburg

1874.

William Courtney Bebee, M. A., - - Waterville, Washington
Frank Milton Bullock, - - - - - - New Castle
John Miller Dight, - - - - - - Sandy Lake
Matthew Hill Grimmet, - - - - Green Vale, Tennesse
Almira Marstellar, - - - - - - Cochranton
Benjamin L. Millikin, M. A , M. D., - - - - Cleveland
Joseph W. Miles, M. A., Ph.D., D. D , - - - Pittsburg
Herman Henry Osthaus, M. A., - - - - - Scranton
John Poe, M. A., - - - - - - Findlay, Ohio
Mary Adelle Williams Wright, M. A., - - - - Meadville
George I. Wright, M. A., - - - - - Meadville

1875.

M. C. Bailey.* - - - - - - -
Edward Kinney Creed, M. A., - - - - Parker's Landing
James S. Eaton, - - - - - -
James George, M. A., - - - - - - Bradford
William Mayes Martin, M. A., - - - - Fergus Falls, Minn.
Lida M. Minniss, - - - - - - -
Julia Morum Bligh, - - - - - - Bradford
Thomas H. Silver, - - - - - - Wellsville, Ohio
Annie M. Warner Hempstead, M. A., - - - - Meadville
Wilbur Garretson Williams, M. A., D. D. - - - Columbus, Ohio

1876.

Alma Eva Albertson, - - - - - - Madison, Ohio
Walter Ozias Allen, - - - - - - Malvern, Iowa
Camden McCormick Coburn, M. A., Ph. D., - - Saginaw, Michigan
Austa Densmore Scurdevant, M. A., - - - New York
William Plimpton Eckles, M. A, - - - - Smethport
Margaret Elizabeth Hartman, - - - - Meadville
Ernest H. Koester, M. A., - - - - - Bradford
Lewis Henry Lauderbaugh, - - - - - Meadville
Jared Clifton Marcy, Jr., M. A., - - - - Sioux City, Iowa
George McAlpine, - - - - - Chagrin Falls, Iowa
John Sophronus McKay, M. A., Ph. D., - - Brooklyn, New York
Charles Truitt Newlon, - - - - - East Brady
Thomas M. St. John.* - - - - -
Charles P. Woodring, M. D., - - - - Meadville

1877.

Wm. Crozier Bear.* . . . .
George Howard Huffman, ... Saltsville
Louisa Sarah McClintock Kurtz, M. A., . Moorehead, Minnsota
Wm. Elwin McDowell, . . . Arkansas City, Kansas
James H. Montgomery, M.A., Ph. D., . . Meadville
Alfred S. Morrison, M.A., ... Canton, Ohio
Thos. Dorr Sensor, M.A., . . Millville, New Jersey
Perry Allen Reno, M. A., ... North East
Watson Hawkins Swartz. . . . Beaver Falls
Lewis Walker, M.A., ... Meadville
Wayne Whipple, . . . Boston, Massachusetts
Carrie Kitchell Wythe Williams, M.A., . . Columbus, Ohio

1878.

John A. Bolard, M.A, ... Philadelphia
Hyre Dee Clark, M.A., ... Monmouth, Illinois
Livingston Llewellyn Davis, ... Pittsburg
James Doughty, A.M., . . . Jamestown, Dakota
Andrew C. Ellis, M.A., . . . Jamestown, New York
Jacob Albert Hovis, M.A., . . Devil's Lake, North Dakota
Ella A. Kinder, M.A., ... Fredonia
Mary Elizabeth Kugler, M.A., ... Sharon
Thompson Brainard Mackey, ... New York
Wm. Jas. McClintock, M.A., . . East Liverpool, Ohio
Christian Albert Miller . . . St. Paul, Minnesota
Felix Clarence Pifer, M.A., . . Buckhannon, West Virginia
Charles W. Rees.* . . . . .
Jacob Patterson Strayer, M.A., M.D., Ph.D., . . . Oil City

John Newton White, ... Sewickley
Elliott Sansom White . . . . . Pittsburg

1879.

Wm. McKee Beyer, M. A., ... Altoona
Charles Andrew Boush,* . . . .
Wellington Bowser, M. A., . . Waitsburg, Washington
Charles H. Bruce, ... Kansas City, Missouri
Herschell Lenus Campbell,* . . .
Daniel Broadhead Heiner, ... Kittanning
Charles William Kugler,* . . .
Allan James Maxwell, M. A.,* . . .
Walter Lowrie McClurg, . . . Chicago, Illinois
Charles Bayard Mitchell, M. A., . . Plainfield, New Jersey
Gideon Homer Mosier,* . . .
Oscar Burnham Moss, M. A., . . Kansas City, Missouri
Emery Alden Nelson, . . . Freedom Plains, New York
Arthur Manly Shellito, M. A., . . Independence, Iowa
Emery Melville Wood, M. A., . . . Baldwin City, Kansas

1880.

Edward Thayer Bates,* . . . .
Arthur Laban Bates, M. A., ... Meadville
Harriett D. Carter, ... Meadville
Anna Beatrice Carter Davis, ... Homestead
Frank Solomon Chryst, ... Warren, Ohio
Albert Ernest Colgrove, M. A., . . . Baldwin, Kansas
Almon Benton Colter, M. A., . . . Warren
Phillip Arthur Dix, M. A., . . . Salt Lake City, Utah
Charles Albert Ensign, . . . Youngstown, Ohio
Harriet Aurelia Linn Bebee, . . . Hartford, Ohio
Frank Fremont Lippitt, ... Meadville
Charles Edward Locke, M. A., ... Pittsburg
John Dugan Martin, ... Bryn Mawr
George Sullivan Miner, ... India
Amos Jesse Newell, M. A., . . . Chicago, Illinois
Gilbert Albert Nodine, ... Seattle, Washington
William Warren Shilling, ... Sharon
Ida Minerva Tarbell, M. A., . . . Paris, France
William Harbaugh White, . . . Seattle, Washington
William Clayton Wilson, . . . Cleveland, Ohio

1881.

James R. Andrews, M. A., ... Meadville
William J. Armstrong, M. A., M. D., ... Kane
Iris Barr, ... Titusville

Mary E. Broas Burghart, M. A., . . Madrid, Spain
Arthur Dana Colegrove, M. A., ... Corry
M. C. Cameron, M. A., M. D., ... Pittsburg
Frederick Shellito, M. A., . . . Marcellus, Michigan
Millard Fillmore Compton, . . . New York, New York
Stewart Macaulay Decker, ... Bradford
Charles Edward Everett, M. A., . . . Cincinnati, Ohio
Joseph Thomas Ewing, M. A., . . Detroit, Michigan
Charles Winthrop Fish, M. A., M. D., . . . Meadville
Andrew Fleming, Jr., M. A., . . . North East
Simpson S. Ford, ... Cleveland
David Arthur Gill, ... Meadville
William Henry Hammon, M. A., . . Cleveland, Ohio
Ida Josephine Henderson, M. A., . . Titusville
David Wilbur Hume, ... St. Charles, Minnesota
Lynn Olin Mead,* . . . .
Emma Francis Merchant Thoburn, M. A., . . . Oil City
Clement Wellington Miner, M A , . . Cattaraugus, New York
Charles Louis Pappenhagen, M. A., . . . Wattsburg
Minnie L. Seager, . . . Randolph, New York
William Walter Tarbell, M. A., ... Titusville
James Matthew Thoburn, M. A., . . . Oil City
Wilbur W. Thoburn, M. A., Ph. D., . . Mayfield, California
John S. Throckmorton, M. A., . . . Derby, Iowa
Judson Augustus Wann, . . . Canton, Ohio
William Gildersleeve Warner, M. A., . . . Cincinnati, Ohio

1882.

James Alexander Ballantyne, M.A., . . . Pittsburg
Charles Milton Blair, ... Chicago
Wm. F. Comptom, M.A., . . . Chatham, New York
Clementine Calvin, M.A., . . . Monmouth, Illinois
James K. Cubbison, ... Eldorado, Kansas
Edgar Percival Cullum, ... Warren, Ohio
Mary Elizabeth Darrow, . . . Chicago, Illinois
Stephen E. Foster, M.A., . . . Jacksonville, Florida
Marshall J. Hovis, ... Clintonville
James Wesley Kinnear, M.A., ... Pittsburg
George Walter Kling, M.A., ...
Joseph Marlatt, M.A , ... St. Louis, Missouri
Glenroie McQueen, . . . Rochester, New York
John Hoffman Miller, M.A., . . . Allegheny City
Elmer Orville Minnigh, . . . Osceola, Missouri
Edwin Wolcott Peck, ... Meadville
Emma Powell, M.A., ... Cochranton
Samuel E. Ryan, M A., . . Lisbon, North Dakota

Charles Eyre Richmond, M.A , . . . Meadville
Will A. Ridge, ... New York
Charles McCoy Snyder, ... New York
Harry Stoner, M.A., M.D., ... Cleveland
Thomas Huet Taylor, M.A., . . Boston, Massachusetts

1883.

Wesley Benson Best, ... Meadville
Ethelbert E. Blair, M.A., . . . Youngstown, Ohio
Charles Mark Burkhalter.* . . . .
George Owen Calder, . . . Omaha, Nebraska
Henry Chapman, ... Saltville, Virginia
Simpson Elliott Ferree, M.A., . . Minneapolis, Minnesota
Earnest Leslie Frisbee, M.A., . . Lakewood, New York
Wheldon Pollock Grant, . . . Manchester, California
Joseph Adwin Guignon, M.A., ... Pittsburg
Helen M. Hayes, M.A., . . Washington, District of Columbia
Charles Warren Hollister, . . North Bloomfield, Ohio
Martha J. Hyde Thayer, . . . Atlanta, Georgia
Morris Francis Laughlin, ... Corry
James Miller McCready, M.A., M.D., . . . Sewickley
Edward Herman Pond, M. A., M. D., . . . Pittsburg
Elisha Marshall Robinson, ... Pittsburg
Charles Prosser Robinson, ... Pittsburg
Frank Wade Silver, ... Wellsville, Ohio
Mary Elizabeth Smith, M. A., ... Meadville
Joseph Alexander Vance, M. A., . . . Blairsville
Hattie A. Woods Thoburn, M. A., . . . Mayfield, California

1884.

Ernest Ellsworth Baldwin, M. A., . . New York, N. Y.
Edward Samuel Blair, M. A., M. D., . . Correctionville, Iowa
Walter W. Case, ... Greenville
Frank Murdock Currie, ... Omaha, Nebraska
Ewing W. Day, M. A., ... Pittsburg
Charles Walter Dean, M.A., ... Indiana
Washington Irving Dice, ... Carrollton, Md.
Leon Doane, M.A., M.D., Ph.D., . . . Dallas, Texas
Eugene P. Fenno.* . . . . .
Edith Jane Guignon, M. A., ... Corry
Walter J. Guthrie, ... Apollo
Alice Loraine Heath Proctor, M.A., . . Chestertown, Md.
Henry Vernon Hotchkiss, M.A., Ph.D., . . Meadville
Willis Huffman.* . . . . .
Marion Jordan, ... New Lisbon, Ohio
Samuel Parker Long, ... Bennett

Minnie Frances Martin, M. A., ... Pittsfield
Wesley H. Martin, ... Erie
Knighton T. Mead, M.A., ... Pittsburg
Alexander Willis Newlin, M.A., . . . Wintersville, Ohio
Harry W. Plummer, ... Chicago, Illinois
Richard Riley Ross, M.A., ... New York
William Burke Smythe, . . . Buffalo, New York
James Beebe Stull, M.A., ... Warren, Ohio
Sallie Welsh, M A., ... Franklin
Benjamin F. Wolff, ... Los Angeles, Cal.

1885.

Charles Winchester Benedict, M.A., M.D., . . Findlay, Ohio
William Christian Beck, M.A., . . . Washington, D. C.
Homer Smith Bodley, . . . Baton Rouge, Louisiana
John Darwin Croasmun, ... St. Louis, Missouri
Willis Mead Everett, ... Atlanta, Georgia
George Perry Ferree, M.A., . . . Minneapolis, Minn.
Charles Trout Fox, M.A , ... Findlay, Ohio
William Henry Gallup, M.A., . . New Cumberland, W. Va.
Thomas James Hamilton, M. A., . . . Sherman, N. Y.
Robert Thomas Herrick, ... Hiawatha, Kansas
George Harris Lamb, ... Mercer
Blanche McGough, M.A., ... Franklin
Julia Bird McGrew, ... Allegheny City
William Penrose McElwain, M.A., . . Seattle, Wash.
Charles Miner Miller, ... Pittsburg
Andrew Jackson Mitchell, M.A., . . . Fredonia, New York
Charles Willis Proctor, M.A., . . Chestertown, Md.
Clara Belle Snyder Hollister, . . North Bloomfield, Ohio.
David Leslie Terwilliger, M.A., . . Fair Haven, Wash.
Crawford Rockwell Thoburn, M. A., . New Whatcom, Wash.
David Lyle Thoburn, ... Boston
Frank Jackson Thomas, M.A., ... Meadville
Thomas Skelton Vickerman, M.A., . . Ft. Edward, New York
Albert Lorenzo Williams, . . . Buffalo, New York
Lydia Emma Wood Bodley, . . . Baton Rouge, Louisiana

1886.

Orange Whitney Bramer, M.A., M D., . Camden, New Jersey
Robert Chambers Bole, . . . San Francisco, California
Abram Lanman Chase, M.A., . . . Centerville
May Clark Long, ... Bennett
Percy Densmore, M.A., ... Seine, France
Ira Jesse Dunn, M.D., ... Meadville
T. A. Edwards, M.A., ... Sharon

Harry Stevenson Free, M.A., ... Allegheny City
Stella Frisbee, ... Union City
Clifford W. Fuller, A.M , Ph.D., . . Cleveland, Ohio
William Richard Graves, M.A., ... Scranton
Mae Goff, M.A., ... Allegheny City
Samuel Myron Gordon, M A., . . . Slippery Rock
Levi Eugene Haybarger, . . . Omaha, Nebraska
Nannie Clara Jones, ... Greenville
Ruth Elizabeth Laubender, ... Union City
Wilton Cornelius Lindsey, . . Jamestown, New York
Charles Peter Lynch, M A., . . . Cleveland, Ohio
Howard Wilson McDwell, M.A , . . Eagle Harbor, New York
Arlie Carletta Mead Thoburn * . . .
Mary Virginia Miller Lynch, . . . Cleveland, Ohio
William Palmer Murray, M.A., . . . Reynoldsville
Lafayette Perkins, M.A., . . Indianapolis, Indiana
Anna Clemson Ray, ... Meadville
John Remer, M.A., . . . Newark, New York
Sion B Smith, M.A., ... Meadville
Mary E. Scott, M.A., . . . West Mill Creek, New York
Charles Tracy Scofield * . . . .
Frank Leonard Wells, ... New Lisbon, Ohio
John Andrew Wood, M.A., ... Wilkinsburg

1887.

Thomas Baird Allison, M.A., Ph.D , . . . Ebensburg
William Bignell, M.A., ... Philadelphia
Rubie Blackmarr, ... Meadville
Edward Benton Bodley, M.A., . . . Chicago
Montello Eugene Blystone, . . . Cincinnati, Ohio
Ella Goff, M.A., ... Allegheny City
Edward B. Heckel, M.D., M.A., ... Pittsburg
Frank E. Linn, ... St. Louis, Missouri
Gertrude M. Merchant, ... Grove City
Lizzie E Miller, M.A., ... Meadville
Benjamin Birchard Pickett, M.A., . . . Meadville
Maud Von S. Roudebush, M.A., . . Buffalo, New York
Harriot Reitze, ... Meadville
Francis Asbury Sayers, ... Franklin
Frank Herald Shaw, M.A., ... North East
Mayne Reid Stevenson . . . Lakewood, New York
Charles L. Smith, M.A., ... Brownsville
Herman Wilson Smith, . . . Vicksburg, Mississippi
Anna Mary Wilkenson Howell, A.M. . Floral Park, New York
William John Whieldon, M.A., ... Mercer
David Morris Wise, ... Girard, Ohio

1888.

Alice Apple, - - - - - Meadville
Frank Lyman Armstrong, - - - - Meadville
John William Bell, M. A., M. D., - - Bellevue, Nebraska
Ernest Albert Bell, - - - - Jaffna, Ceylon
Levi Bird, - - - - Auburn, New York
Albert Louis Boush, - - - - - Meadville
Horatio Chauncey Carr, - - - - Union City
Gertrude Douglass Greenwood, - - Toronto, Ontario
Wilfred W. Ellsworth, M. A., - - Middleboro, Kentucky
Frank Ernest Fenno, - - - - - Corry
John Greenlee Fenton, - - - W. Williamsfield, Ohio
Lillian F, Fradenburg, - - - - Wahpeton, N. Dakota
Elizabeth Hay Frey, - - - - Meadville
Leon Vance Grove, - - - - New Lebanon
Daniel W. Howell, M. A., - - - Floral Park, New York
William Charles Jason, M. A., - - Orange, New Jersey
Frank Melville Kerr, M. A., - - - Chester, New Jersey
Charles G. Lindsey, - - - - - Warren
Henry Havelock Luccock, - - - Kansas City, Missouri
William Tell Noss, M. A , - - Strasburg, West Virginia
J. Arnold Parsons, - - - - - Corry
Bedford Leak Perry, M. A., - - - - Townville
James Taylor Petty, M. A., Ph. D., - - Fremont, Ohio
Bessie L. Putnam, M. A., - - - - Harmonsburg
Myrtie A. E. Rice, - - - Westfield, New York
Lillian May Swartz, M. A., - - - - Meadville
Hiram Elbert Smith, - - - - - Meadville
James M Ward, M. A , - - - - Franklin

1889.

William L. Askue, - - - - Boston, Massachusetts
Ena L. Brundage, - - - - Pasadena, California
Frank A. Cattern, - - - - Boston, Massachusetts
George G. Coup, - - - - Nashville, Tennessee
Edwin P. Couse, - - - - - Pittsburg
Salem A. Dean, - - - - Chautauqua, New York
Will A. Elliott, - - - - - Meadville
George Howard Fuller, M. A., - - - Chardon, Ohio
Harry Household, M. A., - - - - Enon Valley
Fred C. Howe, - - - - - Meadville
Ellen V. Hoskin, - - - - Garretsville, Ohio
H. J. Hotchkiss, - - - - - Ithaca, New York
Wm. H. Hunsberger, - - - - - Barkleyville
Corney C. Laffer, - - - - - Meadville
Alton C. Lindsey, - - - - - Cambridgeboro

Fred Brooks Lindsey, - - - - Cambridgeboro
William McNair, - - . - - Oil City
Frank B. Miner, M. D., - - - . Warren, Ohio
Edgar M. Mixer, - - - - - Conneautville
Flora A. Mowbray, - - - - - Meadville
John C. Nash, - - - - - Canfield, Ohio
David Charles O'Connor, - - - - Arlington, Nebraska
Emerson E. Proper, - - - - - Titusville
Ralph B. Reitz, - - - - - Stanton
John Joseph Rudkin, - - North Yakima, Washington
Adelaide Robinson, - - - - - Butler
Joseph Burdette Richey, - - - - New Brighton
Jessie Smith, - - - - - Warren
Gertrude Leigh Snyder, - - - North Bloomfield, Ohio
William S. Twining, - - - - - New York
Calvin L. Walton, - - - - - Warren
Elizabeth Corinne Wood, - - - - Pittsburg

1890.

J. Robert Anderson, - - - - Buffalo, N. Y.
Harry M. Barrett, - - - - - Titusville
Fred Lucas Bullock, - - - - Panama, N. Y.
Ellen Bell Chesbro, - - - - - Bellevue, Neb.
Helen A. Clark, - - - - Union City
Frank Alonzo Collins, - - - - Espyville
Robert Coulter Crowthers, - - - Cincinnati, Ohio
William C. Deming, - - - Mount Olivet, Ky.
Frank Dice, - - - - - Akron, Ohio
John Milton Dobson, - - - East Bloomfield, N. Y.
Valentine F. Dunkle, - - - - - Guy's Mills
Robert W. Elliott, - - - - Deerfield, O.
Harry Boyd Espy, - - - - Fredonia, N. Y.
Adelbert G. Fradenburg, - - - Wahpeton, N. Dak.
James Stewart Gibson, M.A., - - - Williamsport
Charles Barnes Hawk, - - - - - Meadville
John Bunyan Hawk, - - - - - Sharpsville
William G. Heiser, - - - - Maysville, Ky.
James Earl Hood, - - - - Havre, Montana
William W. Johnson, - - - - - West Middlesex
Cassius R. Manning, - - - - Santa Barbara, Cal.
Samuel Simpson Marquis, - - - Cambridge, Mass.
Edwin LaFayette Mattern, - - - Huntingdon
Charles Noble McClure, - - - Dusseldorf, Ger.
Thomas M. Morrison, - - - - Union City
Charles E. Newkirk, - - - - Rochester
Lucy Pickett, - - - - - - Meadville

Gamaliel Wilson Phillips, - - - - New Lebanon
John L. Porter, - - - - - Oil City
Mark Allison Rigg, - - - - - Reynoldsville
Fred A. Russell, - - - - - West Middlesex
Will Lester Siling, - - - - Mt. Hermon. Mass.
William Henry Stenger, - - - - - Greenville
Francis Gurney Stubbs, - - - - Chicago, Illinois
Martin Joseph Sweeney, - - - - - Kane
Weldon P. Varner, - - - - - Pittsburg
Lorell Erastus White. - - - - - Meadville
Fred Raymond Work - - - - Chicago

1891.

Robert Thompson Adams, - - - - Port Allegany
William Elmer Barcus, - - - - Noblestown
Manley O. Brown, - - - - - Sharon
Henry Booth Byers, - - - - - Chicago, Illinois
Howard A. Couse, - - - - - Tidioute
Virginia Davis, - - - - - Kingsville, Ohio
Charles C. Freeman, - - - - Union City
John Arthur Gibson - - - - - Butler
William B Griffin, - - - - - Franklin
Fred W. Gundy, - - - - West Middlesex
Gertrude Vina Household, - - - - West Newton
Charles L. Howe, - - - - Meadville
Charles Sherman Jewell, - - - - Meadville
Alvin Oren McClelland, - - - - - Mars
Clarence Lynnwood Miller, - - - St. Louis, Missouri
Edward Everett Miller, - - - - - Kane
Henrietta Miller, - - - - - Warren
Carrie Francis Mount, - - - - - Oil City
Clarence F. Ross, - - - - Cameron, Missouri
Mary Warner, - - - - - Cincinnati, Ohio
Homer David Whitfield, - - - - Fayette City
Simpson Horner Wood, - - - - Pittsburg
William Wallace Youngson, - - - - Pittsburg

GRADUATES IN THE CIVIL ENGINEERING COURSE.

1887.

Bruce Davis, ... Livingstone, New York
Frank E. Fenno, ... Union City
William S. Twining, ... New York

1888.

James G. Graff, - - - Chicago, Illinois
Homer J. Hotchkiss, - - - - Ithaca, N. Y.
Fred H. McQuiston, - - - - - Oil City
Ward M. Sackett, - - - - Meadville
Samuel Alexander Tomes, - - - - Pittsburg
David Morris Wise, - - - - Girard, Ohio

1889.

Joseph Warren Silliman, - - - Duluth, Minnesota

1890.

Lee A. Baldwin, - - - - - Kinsman, Ohio
Alvah Lemuel Carr, - - - - - Seattle, Wash.
Frank L. Gageby, - - - Diegle's P. O., W. Va.
Edward A. Hersperger, - - - - Pittsburg

1891.

Alfred Samuel Burgess, - - - - - Meadville
James Gilbert Ehrenfeld, - - - - Greensburg
Charles Harmany Johnson, - - - New Castle
John Ahmed Knox, - - - - Alverado, Texas
Frank J. McFate, - - - - Cochranton
Pressly C. Patterson, - - - - Cambridge, Ohio
John Andrew Wood, - - - - Wilkinsburg

HONORARY DEGREES.

M A.

Amos, John M., 1885, O.
Archibald, Rev. F. A., 1878, O.
Armor, Samuel G., 1864, Mich.
Burns, G. W., 1860, O.
Brunson, Rev. A., 1834, Pa.
Brown, Rev. Wm. G, 1878, Canada.
Butler, Rev. M. A., 1856, Ind.
Brubaker, Henry, 1879, Pa.
Bauhn, J. H., 1854, N. J.
Craig, Allen A., 1866, Pa.
Cook, Rev. Charles, 1840, Pa.
Ketler, Isaac C., 1882, Pa.
Kennedy, J. C. G , 1852, Pa.
Kennedy, Rev. W., 1846, Va.
Knowles, Rev. S , 1865, Ind.
Langley, G. A., 1888.
Lawson, D. W., 1882, O.
Lindsay, Rev. A. J., 1879, Pa.
Mayerhoffer, Rev. P., 1826, Pa.
McClelland, Jas. B., 1854, Pa.
Madison, Rev. M., 1846, O.
Miller, Rev. Chas. W., 1886, Pa.

Chapman, Rev. H. L., 1862 Pa.
Crawford, Frank R., 1884, Ill.
Clark, W. S., 1854, Pa.
Carson, John, 1857, Tex.
Crow, David, 1856, N. Y.
Cory, Daniel, 1820, Mo.
Cope, M. W., 1870, Pa.
Davidson, Rev. T., 1859, O.
Dempster, John, 1836, N. Y.
Dobbs, Rev. A. S., 1867, N. Y.
Dogherty, Robert R., 1884, N. Y.
Dodd, James B., 1841, Ky.
Day, Rev. W. F., 1865, Pa.
Espy, Rev. J. Boyd, 1885, Pa.
Erskine, John, 1845, Pa.
Feree, J. W., 1854, Pa.
Freshwater, Rev R. M., 1876, O.
Forward, Walter, 1842, Pa.
Graham, Rev. W., 1861, Ind.
Gollier, P. A., 1843, Pa.
Gilchrist, J. C., 1870, O.
Hibbard, Rev. F. G., 1848, Va.
Harned, Rev. N., 1826, Pa.
Hess, F. W., 1875, U. S, A
Horner, Richey J., 1888, Pa.
Harris, Flora Best, 1885, Pa.
Hunter, Rev. W., 1846, Pa.
Hitchcock, D. M., 1827, N. Y.
Hilner, Rev. S. A., 1886.
Hallet, W. P., 1827, N. Y.
Houghton, Jacob, 1819, N. Y.
Jimison, Rev. M. P., 1852.
Mueller, G. A., 1872, Pa.
Nodine, Frank, 1882, O.
Nicholson, Rev. E. G., 1851, N. Mex.
Olds, Carmi C., 1849, Mich.
Peate, Rev. John, 1869, N. Y.
Plimpton, F. B., 1860, Pa.
Pickktt, J. W., 1822, Md.
Porter, T. W., 1825, N. Y.
Reynolds, Rev. G. T., 1885, Pa.
Scott, Rev. R. W., 1886, N. Y.
Sherman, Miss Fanny, 1878, N. Y.
Shippen, Rev. R. R., 1856, Pa.
Sturgis, Rev. A. G., 1843, Pa.
Steadman, Rev. H. N., 1876, O.
Sturgeon, J. C., 1877, Pa.
Simpson, Rev. W., 1834, Pa.
Stevens, Rev. A. B, 1867, W. Va.
Sprague, Rev. L. L., 1879, Pa.
Stevens, E. W., 1860, Va.
Smith, Rev C. W., Pa.
Tribby, Rev. John, 1873, O.
Tintsman, John C., 1883, Pa.
Williams, Rev. D., 1846, Pa.
Willey, W. T., 1839, Va.
Winthrop, William, 1822, Mass.
Wilson, Rev Corwin V., 1886, O.
Wilson, Thomas F., 1881, Pa.
Walkins, Rev. D. W., 1861, Pa
Weller, Rev. George, 1818, Md.
White, J. W. F., 1860, Pa.
Wright, Rev. Joseph E., 1886, Pa.
Yarnell, Rev. J. V., 1879, Pa.
Younghusband, L., 1861, C. W.

D. D.

Baird, Rev. I. N., 1858, Pa.
Beazelle, Rev. B F., 1890, Pa.
Bignell, Rev. W. P., 1890, N. Y.
Bond, Rev. Thomas, 1846, N. Y.
Bills, Rev. J. E., N. Y.
Bolton, Rev. J. W. W., 1879, W. Na.
Borland, Rev. R. S., 1891, Pa.
Buck, Rev. D. D., 1866, N. Y.
Blanchard, Rev. A., 1842, N. Y.
Clark, Rev. W. A., 1830, N. Y.
Cummings, Rev. H., 1821, N. Y.
Craft, Rev Amos N., 1844
Cranston, Rev. Earl, 1881, Col.
Crowe, Rev. Moses, 1853, N. Y.
Davis, Rev. Samuel M., 1890, Ills.
Deal, Rev. John S., 1870, Pa.
Doering, Rev Chas. F., 1875, Germany.
Durbin, Rev. I. P., 1836, Pa.
Davidson, Rev. W. H., 1866, Pa,
Dempster, Rev. John, 1840, N. Y.
Domer, Rev. Abram H., 1885, O.
Eaton, Rev. Theodore N., 1889, Pa.
Edwards, Rev. James T., 1876, N. Y.
Elliott, Rev. Charles, 1838, O.
Gregg, Rev. F. M., 1890, Ills.
Lochman, Rev. George, 1819, Pa.
Kean, Rev. J. M., 1817, Mass.
Kay, Rev. S., 1852, England.
Kempt, Rev. J. S., 1842, Ky.
McCabe, Rev. L., 1855, O.
McKinley, Rev. R. A., 1891, Pa.
Miller, Rev. A. B., 1862, Pa.
Mansell, Rev. Henry, 1888, India.
Moore, Rev. Franklin, 1862, Pa.
Miller, Rev. Noble G, 1885, Pa
Mehlenburg, Rev. H. A, 1823, Pa
Mansell, Rev. R. B., 1885, Pa.
Mead, Rev. W. C., 1830, Pa.
Mechem, Rev. James, 1886, Pa.
Mills, Rev. James R., 1876, O.
Miller, Rev. R. T., 1888, Pa.
McRiley, Rev. I., 1858, Pa.
Moore, Rev. H., 1845, N. H.
Moore, Rev. H. H., 1886, Pa.
Morrison, Rev. Wm. V., 1877, Mass.
Monroe, Rev David S., 1878, Mass.
Norcross, Rev. A. C., 1884, O.
Nesbit, Rev. S. H., 1863, Pa.
Oldham, Rev. W. F., 1890, Pa.
Parkhurst, Rev. Charles, 1888.

Grier, Rev. J. F., 1823, Pa.
Gillmore, Rev. W. F., 1889.
Gibson, Rev. Alex B., 1875, Md.
Graham, Rev. William, 1868, Ind.
Gunn, Rev Alexander, 1817, N Y.
Hagerty, Rev T. H., 1890, Mo.
Harris, Rev M. C., 1888, al.
Hall, Rev. Charles E., 1884, Pa.,
Hillyer, Rev Asa, 1818, N. J.
Horner, Rev. Joseph, 1869, Pa.
Hartzell, Rev. J. C., 1879, La.
Harris, Rev. W. L., 1856. O.
Hunt, Rev Sanford, 1871, N. Y.
Horner, Rev. Simpson W., 1890, Wis
Holliday, Rev. F. C. 1859, Ind.
Johnson, Rev. A. C, 1891, Pa
Johnson, Rev. W. L., 1846, N. Y.
Johnson, Rev E. A, 1863, O.
Kimball, Rev. H. D, 1890. Ills.
Kinney, Rev Wesley, 1861, Pa.
Leak, Rev. Thomas J, 1883, Pa
Long, Rev. A L, 1867, Constantinople
Palmer, Rev. A. J., 1885, N. Y.
Peate, Rev. John, 1886, Pa.
Pennepacker, Rev. Geo. D., 1891, Pa.
Perrine, Rev. Matthew, 1818, N. Y.
Perry, Rev. W. E., 1886, Pa.
Petty, Rev. Asbury L., 1878, Pa.
Pierce, Rev. W. H, 1888
Ralston, Rev. T., 1843, Ky.
Randolph, Rev. R. F., 1886, N. Y.
Ramsay, Rev. W W., 1880, Pa
Reddy, Rev. William, 1876, N. Y.
Slaughter, Rev. Wm. B., 1877, Neb.
Townsend, Rev. James G, 1883, N. Y.
Thoburn, Rev. J. M., 1870, India
Taylor, R. T., 1871, Pa.
Vernon, Rev. Samuel M., 1875, Pa.
Wheeler, Rev. Alfred, 1869, Pa
Wakefield, Rev. S., 1854, Pa,
Wentworth, Rev. E., 1860 N Y.
Webster, Rev A., 1867
White, Rev Wm R.,, 1896, W Va
Young, Rev. E K, 1883, Iowa

M D.

Ackerley, Samuel, 1824, N. Y.
Bemus, Daniel, 1828, Pa.
Beck, Lewis, 1823, N. Y.
Bibby, E. N., 1826, N Y.
Brown, Stephen, 1824, N. Y.
Bower, Henry, 1826, Pa.
Cooper, Fayette, 1826. N. Y.
Francis, H. M., 1823, N. Y.
Hitchcock, D M., 1825, N. Y.
Lineaweaver, G, 1826, Pa.
Mish, J B., 1826, Pa
McLean, Hugh, 1825, N. Y.
Neilson, John. 1825, N. Y
Schulter, Christian, 1819, Va.
Schenk, Henry, 1826, Pa.
Wield, Elias, 1820, Mass.

LL. D.

Baldwin, Henry, 1839, Pa.
Buchanan, Jas., 1836, Pa.
Clowes, Rev. S, 1821, N. Y.
Colder, C. D., 1823, N. Y
Derickson, Hon. D., 1884, Pa.
Edwards, Rev. James T., 1891, N. Y
Elliot, Rev. Chas., 1858, O.
French, Rev. John R., 1871, N. Y.
Grier, R. C., 1842, Pa.
Goff, Milton B., 1885, Pa.
Holmes, Rev. Abiel, 1822, Mass.
Jones, David L., 1846, Ind.
Kennedy, J. C. G., 1867, D. C.
Kynett, Alpha J., 1886.
Kowe, Rev. Andrew, 1820, N. Y.
Martin, Rev. A., 1878, Greencastle, Ind.
Mitchell, S. L., 1821.
Pemberton, Ebenezer, 1817, Mass.
Pintard, John, 1822, N. Y.
Ross, James, 1823, Pa.
Spofford, H. G., 1818, Pa.
Tingley, Jeremiah. 1886, Pa.
Taylor, Rev. Wm., 1826, N. Y.
Thomas, Isiah, 1818, Mass.
Webster, Daniel, 1840, Mass.
Weeks, Jos. D, 1886, Pa.
White, J W. F, 1870, Pa.
Winthrop, Hon. Jas., 1817, Mass.
Woods, Samuel, 1888.
Wickham, John J., 1889, Pa.

POST-GRADUATE ALUMNI.

TO THE DEGREE PH.D.

Allison, Thomas B., 1891, - - - - Ebensburg
Baker, William A, 1891, - - - - Clark's Mills
Benham, George A, 1890, - - - - Troy, N Y.
Brock, Sidney G., 1889. - - - - Washington, D C.
Carroll, Charles C., 1890, - - - - Meadville

Clarke, George W., 1889,	Mt. Union, O.
Crouch, John M , 1890,	Ripley, N. Y.
Curtiss, Anson B , 1890,	Medford, Mass.
Doane, Leon L., 1890,	Dallas, Texas
Fuller, Clifford W., 1889,	Cleveland, Ohio
Griffith, M. Bryant, 1890,	Sharon
Hotchkiss, Henry V., 1889,	Meadville
Kellogg, Hiram W , 1888,	Youngstown, Ohio
Ogden, J. Gordon, 1890,	Pittsburg
McKay, John S , 1888,	Brooklyn, N Y.
McNaughton, James, 1887,	Council Bluffs, Ia
Miles, John W., 1890,	Pittsburg
Petty, James Taylor, 1890,	Fremont, O.
Prather, Silas H , 1891,	Ellington, N Y
Robbins, James W , 1891,	Bristolville, Ohio
Sprague, E. P., 1887,	Auburn, N. Y
Strayer, Jacob P , 1891,	Oil City
Strayer, Mary J., 1891,	Oil City
Thoburn, William W., 1888,	Mayfield, California
Waite, illiam H., 1888,	Bloomington, Illinois
Wright, George I., 1891,	Meadville
Wright, Joseph E . 1887,	Apollo

TO THE DEGREE A. M., PRO MERITO.

Allison, Thomas B., 1890,	Ebensburg
Bird, Levi, 1891,	Auburn, N. Y.
Curtis, Anson B., 1889,	Medford, Mass
Fradenburg, Lillian F., 1891,	Wahpeton, N Dak.
Fuller, Clifford W., 18 9,	Cleveland, O.
Fuller, George H., 1891,	Chardon, O.
Gibson, James S., 1891,	Williamsport
Griffith, M. Bryant, 1889.	Sharon
Heckel, Edward B., 1889,	Allegheny
Hotchkiss, Henry V., 1889,	Meadville
Perry, Bedford L., 1891,	Townville
Phillips, Taylor F., 1891,	East Palestine, O
Prather, Silas H., 1891,	Ellington, N. Y.
Reed, Elizabeth E., 1891,	Bloomington, Ill.
Strayer, Mary, 1890,	Oil City

SUMMARY OF ALUMNI AND HONORARY DEGREES.

Regular Alumni,	901
Civil Engineers,	21
Honorary M. A.,	86
Honorary D. D.,	95
Honorary M. D.,	16
Honorary LL. D.,	30
Post-Graduate, Ph.D.,	27
Post-Graduate, M. A.,	15
Total number of Degrees,	1191
Total number of students catalogued since 1833,	5621

CONTENTS.

PAGE.

BOARD OF TRUSTEES 2
OFFICERS OF THE BOARD 3
CENTENARY BOARDS 3
JOINT BOARD OF CONTROL 4
VISITING COMMITTEE 4
INSTRUCTION AND GOVERNMENT 5
OFFICERS OF THE FACULTY 6
DESCRIPTION OF THE COLLEGE—Meadville 7
Grounds and Buildings 8
Laboratories and Apparatus 8
The Museum 9
Library and Reading Room 10
COURSES OF STUDY 11
DEPARTMENTS OF INSTRUCTION 13
ADMISSION AND CLASSIFICATION 16
PREPARATORY INSTRUCTION 17
MILITARY DEPARTMENT—Practical Instructions 18
Uniform and Regulations 18
GENERAL INFORMATION—Religious Culture 20
Candidates for the Ministry 21
Expenses of Students 21
The Miss Lindley Endowment 23
Club Rules 23
Self Help 24
Expenses of Ladies 24
GENERAL INFORMATION—Physical Culture 25
Important Regulations 25
Special Examinations 25
Number of Studies 25
Literary Societies 25
Degrees 26
ELOCUTION 27
COURSES OF STUDY—Preparatory School 29
Freshman Year 30
Sophomore Year 31
Junior Year 32
Senior Year 33
Engineering Course 34
REGISTER OF STUDENTS—Post-Graduate 35
Seniors 37
Juniors 38
Sophomores 39
Freshmen 39
Special 41
Third Preparatory 41
Second Preparatory 42
First Preparatory 43
Students Unclassified 44
SUMMARY OF STUDENTS 45
PRIZES AWARDED 45
CALENDAR FOR 1892–'93 46
POST-GRADUATE DEPARTMENT 47
CONSERVATORY OF MUSIC—Faculty 50
General Description 51
Departments of Instruction 52
Rates of Tuition and Department of Art 52
BUSINESS COLLEGE—Faculty 54
Departments of Instruction 55
Rates of Tuition 55
TRIENNIAL CATALOGUE 57

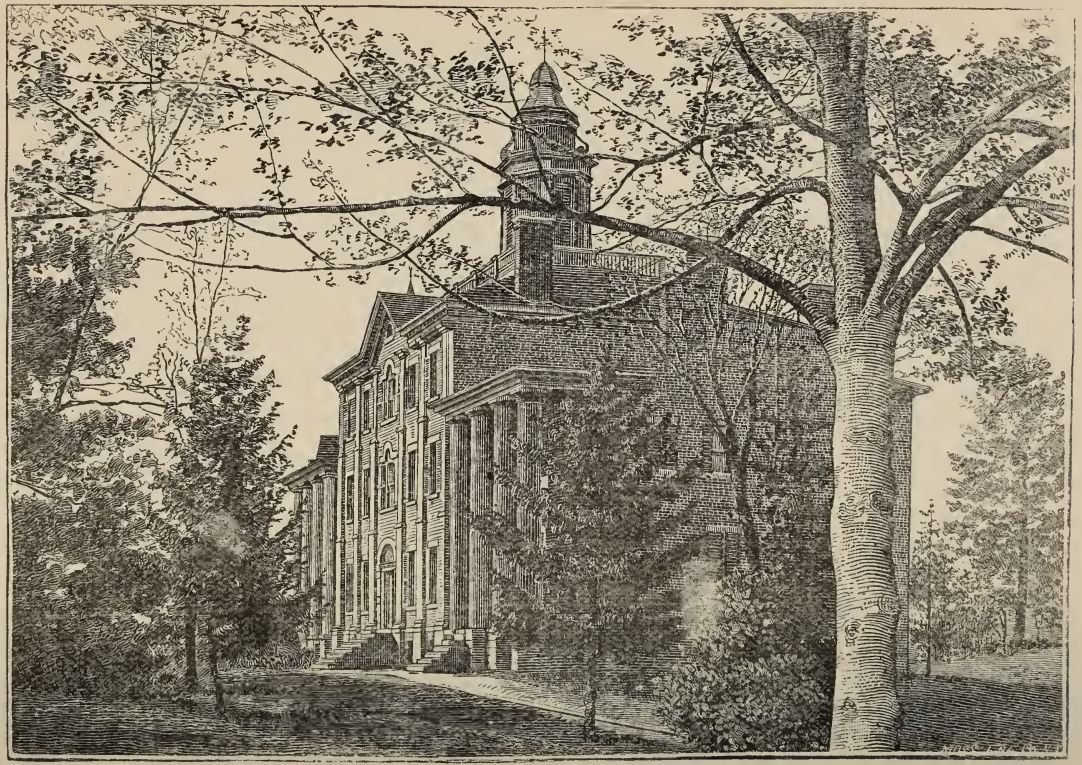
5 H
2-93

See page 28.

THE LIBRARY
OF THE
UNIVERSITY OF ILLINOIS

ALLEGHENY COLLEGE,

1892-'93.



BENTLEY HALL.

SEVENTY-SEVENTH YEAR.

ANNUAL

CATALOGUE

OF

ALLEGHENY COLLEGE,

FOR THE

ACADEMIC YEAR, 1892-'93.

MEADVILLE, PA.

1893:

TRIBUNE-REPUBLICAN JOB ROOMS.

ALLEGHENY COLLEGE.

BOARD OF TRUSTEES.

EX-OFFICIO.

His Excellency, R. E. PATTISON,
Governor of the Commonwealth.

Hon. JAMES P. STERRETT,
Chief Justice of the Supreme Court.

Hon. W. U. HENSEL,
Attorney General.

LAY TRUSTEES.

Alexander Bradley, Esq.,	Pittsburg
Hon. G. B. Delamater,	Meadville
Hon. S. B. Dick,	Meadville
Hon. J. W. F. White, LL. D.,	Sewickley
James D. Gill, Esq.,	Meadville
Hon. J. F. Dravo,	Beaver
Harvey Henderson, Esq.,	Allegheny
*Joseph Horne, Esq.,	Pittsburg
F. P. Ray, Esq.,	Meadville
Wm. Thomas, Esq.,	Meadville
Hon. J. J. Henderson,	Meadville
Geo. W. Haskins, Esq.,	Meadville
Dr. Theodore L. Flood,	Meadville
Prof. J. Hamnett,	Meadville
John A. Wood, Esq.,	Pittsburg
Wm. Foltz, Esq.,	New Castle
W. D. Patterson, Esq.,	Cleveland, O.
*Joseph Walton, Esq.,	Pittsburg
A. L. Dunbar, Esq.,	Meadville
Geo. P. Hukill, Esq.,	Oil City

*Deceased.

James P. Hassler, M. D.,	Meadville
Hon. B. F. Martin,	Grafton, W. Va.
Hon. J D. Taylor,	Cambridge, O.
J. G. Holmes, Esq.,	Pittsburg
Hon. J. W. Lee,	Franklin
John C. Bardall, Esq.,	Wheeling, W. Va.
Frank A. Arter, Esq.,	Cleveland, O.
D. R. Coder, Esq.,	Meadville
J. P. Colter, Esq.,	Meadville
J. W. Kinnear, Esq.,	Pittsburg
Hon. John J. Wickham, LL. D.,	Beaver
Gorton B. Chase, Esq.,	Greenville
John M. Stull, Esq.,	Warren, O.
J. N. Bolard, M. D.,	Meadville
N. B. Dunham, Esq.,	Warren
R. F. Hopwood, Esq.,	Uniontown

CLERICAL TRUSTEES.

*Rev. G. W. Clarke, D. D.,	Akron, O.
Rev. C. A. Holmes, D. D.,	Allegheny
Rev. J. R. Mills, D. D ,	Barnesville, O.
Rev. Joseph Horner, D. D.,	Pittsburg
Rev. David H. Wheeler, LL. D.,	Meadville
Rev. W. H. Haskell, D. D.,	Steubenville
Rev. T. H. Woodring, D. D.,	Wilkinsburg
Rev. A. C. Ellis, D. D.,	Pittsburg
Rev. J. W. Miles, D D.,	Pittsburg
Rev. A. L. Petty, D. D.,	Beaver
Rev. James M. Bray, A. M.,	Erie

OFFICERS OF THE BOARD.

Alexander Bradley,	President
D. H. Wheeler,	Chairman of Executive Committee and Vice-President
Frank P. Ray,	Treasurer and Secretary

*Deceased,

p 1799

CENTENARY BOARDS.

PITTSBURG CONFERENCE.

ALEXANDER BRADLEY, ... President
JOHN G. HOLMES, . . Secretary and Treasurer
REV. M. D. LICHTLITER, A. C. DRAVO.
REV. A. C. ELLIS.

ERIE CONFERENCE.

REV. W. H. MOSSMAN, ... President
REV. R. C. SMITH, ... Vice-President
WM. THOMAS, ... Treasurer
REV. J. A. KUMMER. G. W. HASKINS.
REV. T. C. BEACH. D. R. CODER.
REV. J. H. LAVERTY. DR. A. C. PARSONS.

JOINT BOARD OF CONTROL.

REV. N. G. MILLER, D. D. PROF. F. M. BULLOCK.
REV. T. N. BOYLE, D. D. T. N. ARNOLD, ESQ.
JOHN N. WHITE, ESQ. HON. B. F. MARTIN.
R. F. HOPWOOD, ESQ. L. E. MCWHORTER, ESQ.
REV. R. N. STUBBS, A. M. REV. J. A. FULLERTON.
REV. L. H. JORDAN. REV. R. F. KEELER, D. D.
REV. H. W. KELLOGG, PH. D. REV. W. P. BIGNELL, D. D.
W. M. DAY, ESQ. W. C. WILSON, A. M

VISITING COMMITTEE.

REV. W. P. GRAHAM. REV. J. F. JONES, D. D.
REV. C. O. MEAD. REV. T. F. PERSHING.
REV. W. H. BUNCE. REV. GEO. S. HOLMES.
REV. C. M. HOLLETT. REV. W. D. STARKEY.
REV. L. H. STEWART. REV. H. S. JACKSON.

ALLEGHENY COLLEGE.

INSTRUCTION AND GOVERNMENT.

DAVID H. WHEELER, LL. D.,

PRESIDENT.

Professor of Social Science and English Literature.

JONATHAN HAMNETT, D. D.,

LIBRARIAN,

Emeritus Professor of Philosophy.

JAMES H. MONTGOMERY, PH. D.,

Professor of Physics and Chemistry.

JOHN W. THOMAS, A. M.,

Professor of French and German.

WILLIAM T. DUTTON, C. E.,

Professor of Civil Engineering and Mathematics.

WILLIAM A. ELLIOTT, A. M.,

Bradley Professor of Greek and Latin.

1ST LIEUT. JOHN K. CREE, 3d Artillery, U. S. A.,

Professor of Military Science and Tactics.

CALVIN L. WALTON, A. M.,

Instructor in Chemistry.

CLARENCE F. ROSS, A. B.,

Instructor in Greek and Latin.

CHARLES S. JEWELL, A. B.,

Instructor in Latin and Mathematics.

MRS. ELLEN W. LAFFER, A. M.,

LADY PRINCIPAL.

M. BLANCH BEST,

Expression and Physical Training.

W. J. MERCHANT, A. B., LAURA TEMPLE, A. B.,

Tutors.

OFFICERS OF THE FACULTY.

J. H. MONTGOMERY, Vice-President and Curator of the Museum

J. W. THOMAS, ... Secretary

C. F. ROSS. Registrar and Principal of Preparatory Department

DESCRIPTION OF THE COLLEGE.

MEADVILLE.

No city in Western Pennsylvania is more advantageously situated than Meadville. It has two lines of railroad : the New York, Pennsylvania & Ohio, and the Pittsburg, Shenango & Lake Erie. By either of these routes Pittsburg may be reached in five hours, Cleveland in three hours, Erie in two hours, Cincinnati in twelve hours, and New York in fifteen hours. This arrangement gives easy and expeditious access to the city from the above and all intermediate points. The population of the town is about 10,000 ; it is an old and well established city, having cultured society and many educational influences. The city has most of the modern improvements, such as illuminating gas for buildings, electric light on the streets, and natural gas fuel.

HISTORY.

Allegheny College was organized here in 1815 by citizens of the village. In 1817 they obtained for their institution a liberal charter, and in 1820 laid the foundation of Bentley Hall. In 1833, by a contract between the Trustees and the Pittsburg Annual Conference of the Methodist Episcopal Church, the College came under the control and patronage of the Methodists of this central region. By successive divisions of the Pittsburg Conference, the control and patronage are now vested in Pittsburg, Erie, East Ohio and West Virginia Conferences. The contract between the Conferences and the Trustees guarantees a liberal and unsectarian spirit in the management of the College, and the students always represent several religious denominations. The growth of the College in recent years is shown by the following statement of the numbers in the graduating classes for the twenty years ending June, 1893. Grouped in periods of five years, the figures stand :

Classes of 1874-1878	63
Classes of 1879-1883	108
Classes of 1884-1888	145
Classes of 1889-1893	179

Grouped in ten year periods, the figures are :

Classes of 1874-1883	171
Classes of 1884-1893	326

GROUNDS AND BUILDINGS.

The College Campus embraces thirteen acres on the north side of the town, having an elevation of two hundred feet above the river; it is well shaded with trees, and has a beautiful outlook upon the town and the adjacent hills and valleys. In natural beauty the Campus is very attractive, and the situation is one of the most healthful in the country. There are four large buildings belonging to and used by the College.

Bentley Hall bears the name of Rev. William Bentley, D.D., of Massachusetts, who gave his valuable library to the College. The corner stone was laid July 6th, 1820. It contains a central building, which is three stories high above the basement. The basement rooms are used for Laboratories and Shops. The stories above are devoted to Recitation rooms, Society Halls, and the office of the President of the College.

Ruter Hall, named after Rev. Martin Ruter, D.D., the second President of the College, is a substantial brick building, erected chiefly by the citizens of Meadville, in 1855. This building contains the Museums of the College, the Library, and the Chapel.

Hulings Hall is a large brick edifice, erected in 1881, by Marcus Hulings, Esq., of Oil City, and the citizens of Meadville. It is used as a home for lady students, and has rooms for sixty ladies. It is about one hundred by eighty feet on the ground, and four stories in height, including the mansard roof, and is supplied with gas and water, and heated by steam.

Wilcox Hall of Science.—Many years ago, through the liberality of a friend of the College, a complete equipment of scientific apparatus was secured for the department of science. To this new apparatus has been constantly added, as new discoveries demanded, new illustrations. During all this period it has been rendered only partially effective by lack of proper room and suitable working space. At the last annual meeting of the Trustees, they determined to erect a building which should be entirely devoted to scientific work, using a gift recently obtained from the estate of Mr. Robertson Wilcox, deceased, of Girard. This new hall is nearly completed and will be dedicated at

Commencement. The plans are new and entirely original, the building being perfectly adapted to physics and chemistry. It is 61x40 feet and three stories high. The basement consists of two rooms 20x20 feet, in which the boiler is placed which is used for heating the building and for such chemical and physical operations as demand the use of steam; also for furnishing power for lathes, dynamos, pumps and other machinery. The first floor is divided into three rooms, two of which are planned for working rooms and the third as a lecture hall. The lecture room is 40x36 and is 18 feet high, well ventilated and perfectly lighted. The seats are in five rows and are arranged amphitheatre style, the highest being about ten feet above the lecture table. The seating capacity of this lecture room is about one hundred and ten. Two rooms directly above the working rooms of the first floor form a mezzanine, which will serve for apparatus, experiments, photography, etc. There are pillars which reach to the ground, without being connected with the floor, suitable for delicate instruments. The third floor is reached by a very easy flight of stairs and is adapted to chemistry. An office, two private laboratories and a general laboratory make up the rooms. These are lighted by as many windows as it was possible to construct and not impair the stability of the building. These rooms are perfectly ventilated, supplied with natural gas, illuminating gas, steam heat and chemical tables with lockers for each student and facilities for individual and original work in chemistry.

APPARATUS.

The College possesses extensive cabinets of Mineralogy and Conchology, and complete Chemical and Philosophical apparatus of the most improved forms.

The apparatus comprises many distinct pieces, affording ample means of illustrating every branch of Physics and Chemistry now taught in collegiate institutions. Among the most expensive instruments are the following: A compound Microscope, with accessories, manufactured by Zentmayer. A Rumkorff Induction Coil, giving a twelve inch spark, by E. S. Richie & Co. Apparatus for solidifying carbonic acid. Eighteen instruments to illustrate the laws of undulations. Auzoux's largest Anatomical Models of the eye, ear, brain and larynx. Apparatus for reproducing Tyndall's

experiments with heat. Two Polariscopes, with accessories. A Spectroscope with four prisms. Complete apparatus for projection, including a first-class Educational Lantern, Double Stereopticon, Oxy-Hydrogen Microscope, Duboscq's apparatus for projecting polarized lights, Friction Machine, Holtz Electrical Machine. A Phonograph, two dynamos and accessories, etc. The optical instruments, excepting the Compound Microscope, Telescope and Astronomical Transit, were made by M. Duboscq, of Paris.

THE MUSEUM.

The Museum embraces several distinct collections of Minerals, Shells, Fossils, etc.

1. The Prescott Collection, comprising 2,200 specimens of Marine, Terrestrial and fresh water Shells, and about 3,000 specimens of Minerals and Fossils, was collected and mounted by Dr. William Prescott.

2. The Haldeman Collection has 550 excellent and carefully labeled specimens of Minerals, and about 2,000 specimens of Shells, and was purchased by S. S. Haldeman.

3. The Alger Collection.—This collection, made by Francis Alger, contains 5,000 specimens of Minerals, remarkable for their beauty and variety. It embraces also a large number of duplicates, and a handsome cabinet of about 1,500 specimens of Shells.

4. Cabinet of Lithology and Palæontology.—This contains an entire series of the well-known Ward Casts, and a very comprehensive and valuable collection of Fossils and Rocks, to which additions are being made.

5. Smithsonian Collection.—In addition to several valuable collections heretofore obtained from the Smithsonian Institution, there have been added over 500 specimens of Land, Marine and Fresh Water Shells from Panama, Vancouver's Island and the West Indies, chiefly obtained by Prof. C. A. Adams, and authentically labeled by H. Cumming and Dr. P. Carpenter, from the collection of D'Orbigny & Cumming.

Entomological Collection.—The Cabinet of insects embraces 3,000 species, carefully and accurately catalogued and classified. It was arranged by W. O. Currier, and donated by a friend to the College.

NATURAL HISTORY COLLECTION.—In addition to the above named collections there are about 1,000 Zoological Specimens, including Birds, Reptiles, Fish and Marine Animals, which are constantly being increased in number by the exertions of the friends of the department.

These collections greatly increase the scientific advantages of the College and furnish special incentives to the study of Natural Science.

THE LIBRARY AND READING ROOM.

The College Library contains about 13,500 volumes, many of them rare and valuable works, which are accessible to all students. New energy and life have been infused into the library, and many valuable theological and general works have been added during the year. Alumni and friends are invited to contribute to its enlargment.

The Library and Reading Room now occupy the whole of the third floor of Ruter Hall. Dr. Hamnett, the Librarian, gives his whole time to the Library and the students are able to make free use of books and periodicals at stated hours.

The Reading Room provides for the students periodical literature, American, English, French and German, together with Dictionaries, Encyclopædias, Atlases and other books of reference. Complete files of all the best magazines are continually kept on hand.

COURSES OF STUDY.

The College has four courses of study, three of which lead to the degree of Bachelor of Arts, and the fourth to the degree of Civil Engineer.

THE CLASSICAL COURSE combines all the excellencies of the time-honored classical course. By immemorial use it has proved its eminent value, and is worthy of the confidence and respect which a long venerated observance gives. For a full and harmonious preparation for the varied professions and employments of life, it

is unexcelled. The preparation required for entrance upon this course is three years of Latin, two years of Greek, Mathematics through Geometry, Physiology, Physical Geography and Natural Philosophy, and the usual amount of English and History. The student will see the conditions of admission on another page.

The Scientific Course requires the same preparation as the Classical, but French will be accepted in place of Greek. In the College years, the German language takes the place of the Freshman and the Sophomore Greek. Additional science is substituted for the Latin of the Sophomore year, and is completed in the Junior year. This course opens the treasures of Science in the Modern Languages, and by extensive laboratory practice prepares the student for further researches in Science. Young men looking toward chairs of Science in schools and colleges will find this course especially adapted to them.

The Course in Latin and Modern Languages requires the same preparation as the Classical, with this exception, that six terms of French are substituted for six terms of Greek in the second and third Preparatory years. Six terms of German are substituted for six terms of Greek in the Freshman and Sophomore years. This course has been adopted in order to accommodate students who prefer to leave out the Greek entirely and give more time to the Modern Languages.

These three courses are further enlarged by the addition of elective studies.

Engineering Course.—The object of this course—which is not parallel to the literary courses—is to fit young men for civil and mechanical engineering, and to furnish a sound business education. It is well known that the demand for engineers is much greater than the supply. Our graduates have hitherto secured employment immediately after graduation, and, although this department is only seven years old, some of its graduates have already advanced to honorable and profitable positions. The course is thoroughly practical and adapted not only to those who intend to practice engineering as a profession, but also to the wants of a class of students having only a common school education and desiring to fit themselves as soon as possible for some of the numerous new pursuits opened by

modern invention and science. A full description of this branch of the work of the College will be found on a subsequent page.

Of Mixing Courses.—No student will be permitted to enter upon any other course than the one he is pursuing, without permission of the faculty.

Examinations.—There will be three examinations of classes during the year. The first will be held on the last three days of the fall term ; the second on the last three days of the winter term ; the third will begin a week previous to commencement.

DEPARTMENTS OF INSTRUCTION.

General Purpose.—This institution is a college, that is to say, a training school. Its purpose is to prepare those students who pass to the degree of Bachelor of Arts for any kind of professional study, but it does not undertake to prepare a student to enter upon any profession without special study. And it advises its graduates to avail themselves of the advantages of well-equipped universities. The experience of the college proves that its graduates are able to distinguish themselves in various professional careers, whenever they have added to their college training the special equipment required for success in such professions. This general purpose controls the methods of the college in all departments of instruction. The end sought is not complete knowledge of any branch of study, but thorough discipline and correct habits of observation and reflection.

An increasing proportion of our graduates enter not upon professional but upon business life. The general principle above stated applies to them with as much force as to those who enter professions. The training of a college does not teach a man how to do business successfully, but it does prepare him to learn any business rapidly, and to attain large success, if he have the requisite talents.

Philosophy and Social Science.—Instruction is given in Mental Philosophy, Logic, History of Philosophy, Constitution of the

United States, Social and National Economy, Æsthetics, Moral Philosophy, International Law, Municipal Law and the Science of Language. These subjects of study will be accompanied by lectures bearing upon certain sections of these branches. The lectures will be familiar, practical talks rather than formal discourses. The aim of the instruction and lectures will be to qualify the student to continue such studies after graduation.

Mathematics and Astronomy.—To the complete course in pure mathematics is added the application of Geometry and Trigonometry to Surveying and Engineering. Compass, Chains, Transit, Level, and all other necessary implements are furnished and practically used in the field. To these branches are devoted five recitations per week through the Freshman and Sophomore years, and in the Junior year the subject of Astronomy is pursued. In the Engineering Course much more time is given to practical Engineering. The telescope (the gift of Hon. G. B. Delamater), is an 8-foot refractor, 7½ inch object glass ; in power capable of separating minute double stars ; manufactured by A. Clark & Son, Cambridge, Mass. The Transit is a fine instrument from the hands of Stackpole Bros., New York. In addition, the College has two sextants, a Transit with Meridian Finder, a Prismatic Compass, and other instruments essential to the Department of Engineering.

Physics and Chemistry.—The leading idea in the instruction given in these subjects is to prepare the student for independent research, upon the theory that such method affords the highest mental discipline and the most satisfactory practical knowledge. Each student, furnished with sufficient material and apparatus to enable him to do so, will pursue his own investigations under such guidance as will secure precision in method and accuracy in results. Illustrated lectures will frequently be given to make the path clear and the labor interesting and successful.

The College has complete facilities for obtaining a thorough elementary knowledge of these branches. The costly and splendid apparatus, kept up to the times by occasional additions, and the laboratories, abundantly provided with chemicals, make these studies unusually attractive and satisfactory. The course in Chemistry, including Mineralogy, requires three consecutive terms ; that

of Physics three additional terms; in the scientific course chemistry continues through the Junior year and consists of analysis and assaying, and applications of Physics are studied to the end of the Senior year.

Natural History.—Zoology requires the full time of one study for two terms. The work is conducted by regular recitations on five days in each week. The mode of recitation varies as the subjects presented need illustration or lecture. The use of microscopes is freely offered to all who desire to work with them; and when a naturalist is found the greatest care is given to his training. All opportunities of collections and drill are offered, and every effort is made to develop his taste for Natural History subjects. Botany is studied one term each course, and is taught by class-room drill, drawing and analysis of wild flowers. Each student will be required to prepare, carefully, a herbarium of specimens from the local flora. This gives enough practice to develop any latent natural ability for this study and lays the foundation for future work in the study of plants.

Latin and Greek.—The classical course is extensive and quite equal to that of the best colleges. It is aimed throughout to do thorough and practical work and thereby to afford the requisite preparation for continued study of either or both languages. Accordingly quality rather than quantity is made the great desideratum. It is further borne in mind that in no way can languages generally, and the English especially, be better taught than in connection with the ancient classics, and to this much attention is given. The Preparatory Courses in Greek and Latin extend over two and three years respectively. Such a drill is given upon every point of Grammar that the students acquire a thorough knowledge of this subject and enter fully equipped upon the work of the College. Prose Composition receives especial attention. The College Courses in both Latin and Greek have been extended to three years, so as to afford larger opportunities to those students who wish to make the classics a specialty. Prose Composition is continued through the Freshman year. Judiciously selected portions of both Literatures are studied, and made to furnish a larger and more intimate acquaintance with the languages.

English Literature.—Beginning with the college year 1893–4, Freshmen will study English authors during the Fall and Winter terms and American authors during the Spring term. With this addition, the study of English will cover three of the four years in the college course. The classical and modern language courses of the Sophomore year secure for that year a large amount of valuable instruction in our own tongue, but it is intended to establish a Sophomore English course, so that our own speech and literature may, in some form, be directly studied through the entire course. To secure practice in writing, students are now required in several departments, to prepare abstracts, essays and notes on lectures. This requirement will be introduced into other departments in 1893–4. It is hoped that the system of prizes for literary work may be extended by friends of the college.

Modern Languages.—In the study of French and German, no single method is pursued exclusively. The constant aim, however, is to learn these as living languages. Accordingly, conversational exercises are carried on once a week during the first two years and three times per week during the third year, in German, and similarly during the two years in French. Accurate grammatical knowledge is secured by prose composition exercises twice each week throughout the courses. In the last year of each course, extensive sight-reading of the classic authors is required outside of class, and summaries of these authors are read in the native or the foreign tongue by the various students before the class. Thus by wide reading, as well as by constant conversation and writing, we would follow Bacon's method for making "a full man," "a ready man" and "a correct man."

The outlines of French and German literature are studied in the last year of each course by dictated lessons, oral descriptions by the instructor, and by biographical readings in the larger encyclopedias.

The following are some of the text books used :—

German—First term, Joynes-Meissner Grammar ; second and third terms, the same combined with easy short stories for translation into English. Second year, same grammar, with modern prose fiction and one classic drama. Third year, Harris's German Com-

position twice each week, one or two classic plays and extensive readings in modern fiction, on which conversations are held in class three days per week.

French—Chardenal's French Course throughout the first year, combined in second and third terms with easy prose for translation, such as that in Super's French Reader. Second year, Blouet's French Composition twice each week, and wide reading of prose fiction, such as About's *Le Roi des Montagnes*, etc., on which class conversation is held three days each week.

Hebrew and Greek Testament.—Candidates for the Christian Ministry may study Hebrew one year, as an elective in the Sophomore or Junior year. It is believed that the student thus taught in the Hebrew, and familiar with the Greek classics of the course, can easily fit himself by private study of the Greek Testament and second year Hebrew, to enter upon the second year in the Theological Seminary. Experience has convinced the Faculty that it is best to divide the gain of one year between the substitutions allowed by the College and the special exertions of the student in private study. The Professors of Greek and Hebrew will render such assistance as may be required by students making such private preparations.

ADMISSION AND CLASSIFICATION.

Students entering the Freshman class will be examined in all preparatory studies or their equivalents. Candidates for higher standing are examined also in the studies accomplished by the class to which they may desire admission. Certificates of High Schools and Academies of good standing will be accepted in place of examinations in Preparatory studies, but the Faculty reserve the right to require Preparatory work of students who are not able to make satisfactory progress in College classes. High School certificates should be accompanied by a record of the student's standing in the several studies.

Students coming from accredited colleges with honorable dismission, and certificates of scholarship, will present their certificates to

the Professors of the several departments. Such examination will be instituted in connection with the certificates as the Professors in the several departments may deem necessary. In all cases students coming from other colleges must present testimonials of good moral character and standing, and a certificate of regular dismission. These should be presented at the time of application. Young men and women are admitted to the Preparatory classes without examination.

Classification.—The classification of the Catalogue is made in May of the last term of the college year, and gives the class rank for the year.

A student having completed the studies of the Preparatory Course, or their equivalent, and of the Freshman year, less three, can take rank as Freshman. Having completed all of the above and the studies of the Sophomore, less two, he can take rank as Sophomore. Having completed all of the above and the studies of the Junior year, less one, he can take rank as a Junior.

Studies pursued in higher classes are offset against studies not pursued in the lower. If, for example, a student has pursued two Sophomore studies, they will be equivalent to any two studies not pursued in the Freshman class. A study means, for purposes of classification, a term's work in any subject. There are three terms of Physics, and each term is a study for the purpose of classification, etc. When a student is dismissed at his own request, he will receive a certificate covering his work in this College.

PREPARATORY INSTRUCTION.

To supply the demand for a systematic and thorough course of study adapted to the preparation of pupils for entrance to College without loss of time, there is in connection with the institution a Preparatory Department. The course requires three years' work, and will compare favorably with any similar school east or west. This department is under the direct superintendence of the President and Faculty of the College. It is believed that no better

advantages for a thorough and direct preparation for College can be obtained anywhere than are offered here.

Students who are nearly ready to enter College, prepared in some studies and behind in others, will usually gain time by availing themselves of the privilege of pursuing some studies in the Preparatory Department and others in the College. A whole year is often saved in this way.

All students entering the Preparatory Department should bring letters from pastors or parents, and certificates from their teachers concerning proficiency and standing, and present the same to the President. At the middle and end of each term, parents and guardians are furnished with statements of the conduct and class standing of pupils in this department.

MILITARY DEPARTMENT.

All male students below the Junior Class are required to attend Military Instruction, unless excused by the Faculty of the College at the request of parents or guardians, or, if of age, at their own request. All requests for excuse should be submitted in writing to the Faculty, and should state the reason for making the request. Students who are excused from military instruction are required to take the same amount of work in some other department. Service above the Sophomore grade is voluntary, but credit is given for it.

Practical Instruction.—The practical instruction in this department consists of drills of three hours in each week. The cadets are exercised and instructed during the year in the Infantry Tactics of the U. S. Army, comprising the School of the Soldier, the School of the Company and School of Battalion; and in all ceremonies, forms of parade, and reviews and honors to be paid by troops. Instruction in Artillery is given in the School of the Soldier Dismounted, Manual of Piece, Mechanical Maneuvers, and the School of the Battery Dismounted. Breech-loading cadet rifles and accoutrements, and 3-inch wrought iron rifles, with all the necessary ammunition, are supplied by the Ordnance Depart-

ment, U. S. Army. Instruction is also given in fencing, target practice, and the duties of guards and sentinels. The drills take place in the latter part of the afternoon, after the close of recitations, and should not interfere in the least with the study hours of the student.

THEORETICAL INSTRUCTION.—The course of theoretical instruction by recitation covers about the same ground as the practical instruction. For the first year students are required to attend the practical instruction and lectures only. After one year's practical work they are expected to attend two recitations per week in Infantry Tactics. In addition to the recitations, lectures on military subjects are given. The course of lectures includes the most important subjects of the Art and Science of War, Ordnance and Gunnery and Field Fortifications.

UNIFORM, ETC.—All cadets are required to be provided with a uniform, of the pattern prescribed by the Faculty of the College, which will be worn on all drills, parades, etc., and at all practical military instruction. This uniform, which costs about $25.00 complete, need not be considered an extra expense, as the student must be clothed anyway, and not being striking in appearance, it can be worn upon all occasions, and is habitually worn by a great many cadets. It is of good, serviceable cloth, and as a rule will wear much better than an ordinary business suit of the same price. To secure uniformity, it should be procured in Meadville.

The time taken up by military instruction is credited to each cadet just as any other study which he may pursue, and counts as much as any study of an equal number of attendances. That is, one year's practical instruction counts as a full term's work in one study, and the recitation in Tactics, (when taken) count the same as other recitations.

A certain part of each day should be given up to physical exercise, and it is thought that military drill furnishes one of the most valuable means of exercise and at the same time gives a young man a tendency to hold himself in an erect, manly way, and teaches him habits of neatness, punctuality, obedience, self-control and respect for superiors, which cannot be acquired with such facility by any other means. It teaches *manliness* when a young man most needs

such training. At the same time the student is acquiring a valuable knowledge of military matters which may or may not be of use to him. Quite a number of graduates of this college are giving military instruction in other institutions, and in some cases the want of it has cost graduates good positions.

By the laws of Pennsylvania, a graduate who has taken military instruction for four years, and has held the rank of Cadet Captain for six months at a college to which an officer is detailed by the War Department of the Government, will, upon application, be appointed Brevet Second Lieutenant in the National Guard of the State.

The names of the three graduates of the college most distinguished in Military Science and Tactics each year are published in the Official Register of the U. S. Army, and in General Orders of the Army. Such graduates would have a good basis for application for civil appointments as officers in the U. S. Army.

The military knowledge acquired can never come amiss, and in case of the United States being engaged in war, the advantages which would accrue from it would be incalculable. In taking military instruction the student assumes no legal obligation for military service thereafter.

The attention of parents and guardians is called to the importance and value of this Department. While its first object is to instruct the student in the fundamental principles of Military Art, it also gives a mental and physical training which would strongly recommend its advantages to those responsible for the education of young men.

GENERAL INFORMATION.

Religious Culture.—The College was founded by Christian men for the promotion of Christian culture. It believes that education should always include, as its highest aim, the development of Christian character. It seeks to surround the student with such influences and helps as foster the religious life. Chapel services are held mornings in Ruter Hall, and all students are required to

be present. Regular attendance on Sunday mornings at some church (selected by the student or his parents) is also required. A general prayer meeting is held Wednesday evening of each week, lasting one hour, from 7 to 8 o'clock. This meeting is attended by a very large number of the students and by members of the Faculty. Its results are manifest in the quickening and strengthening of many in the religious life. Prayer meetings, under the care of the Y. M. C. A. of the College, are held on Saturday evening of each week, in their rooms in Bentley Hall. In this way the students are brought into religious association and become interested in one another's religious welfare.

The Students' Y. M. C. A. also conducts religious services weekly, in the County Jail, and in several places in the city and surrounding region. There is also among the young ladies at Hulings Hall a Young Women's Christian Association, whose work is attended with excellent results. The Young Men's Christian Association publish a small hand-book, containing information not found in the catalogue, which can be obtained on application.

Candidates for the Ministry.—The College has educated a large number of ministers, and more than twenty candidates for the ministry are now in its classes. Arrangements are made to give such students as much of a special education as is consistent with the obtaining of a general education. After a solid foundation of disciplinary study has been laid, special study can be made useful; without the foundation the house will be built in vain. Some of the candidates for the ministry are employed in the pulpits of the adjacent country, and are supported by the churches in whole or part, while pursuing their studies. To a limited extent, the President is able to make loans without interest to promising candidates for the ministry. Loans have been made this way to about twenty students the present year. It is believed that a mature young man can safely and prudently contract a small debt to complete his education. But it is of the first importance that the candidates for the Christian ministry receiving such loans should regard them as debts of honor and conscience. The College does not desire, by means of such loans, to impair the financial integrity of Christian ministers. On the other hand, a candidate for the ministry need have no hesitation about doing business on a business footing with

the loan fund societies. In no case, however, will more than one-half of a young minister's annual expenses be loaned to him.

Expenses of Students.—All students pay a term fee of $12 a term. The College does not board gentlemen, but the Faculty will render all possible aid to students in securing comfortable homes. New students are advised to consult the President before engaging rooms.

Students must furnish the President with the Treasurer's receipt, and register their names at the President's office. They will then be given a written permission to enter classes. No student will be received in classes without the President's permission and this permission will not be granted until the term fee has been paid.

In the Laboratory first year students in Chemistry pay $1.00 each a term for use of chemicals and apparatus, and second year students pay $2.50 each.

A fee of $5.00 is paid by every person receiving a degree from the College.

One of the curiosities of the correspondence of a college is that its intending patrons almost invariably ask to be informed about the rates for tuition, but very seldom ask the cost of living. The tuition is never more than one-third of the necessary expenses of a student, and the cost of living is the large and important item. Not satisfied with reducing the College charges to less than one-third of the usual rates in colleges of the first rank, the authorities of Allegheny College have endeavored to effect a large reduction in the cost of living. At one time—in the days of the "oil speculation"—this reduction had to be secured by providing a large dormitory building. When East Hall burned down in 1883, the speculative era had passed, and it was found that there was plenty of room for young men, at moderate cost, in private families where they may have the influence of a home life. Good furnished rooms cost each occupant about sixty cents a week, and the rooms are taken care of by the owners and not by the students. On these terms the city has room for at least five hundred students. It would not be possible for the College to do better than this for its students; and experience proves that herding young men in barracks is not the best way to secure their moral culture.

The young men of the College may board in clubs or in private families ; the latter costing about one-third more than the former. A club is simply an arrangement to divide the cost of table board among the boarders. It is a boarding house conducted on the co-operative principle. Provisions are bought at a discount, and expense is saved by increasing the number of boarders. The club is managed by a commissary, who receives and pays the money, makes all purchases and employs the help. For this service he receives a small weekly payment from each member of the club. The commissary is always a student, and several students work their way through college as commissaries. The cost of good table board is in this way reduced to from $2.00 to $2.50 per week. The estimate for the necessary expenses of a student of either sex is based upon good club board, and is as follows for a term of twelve weeks :

Room Rent, Fuel and Lights, from	$12 00 to	$18 00
Table Board, "	24 00 to	30 00
Books, "	2 00 to	5 00
Term Fee, "	12 00 to	12 00
Total	$50 00	$65 00

To this must be added personal laundry and a small annual expense in the literary society to which the student belongs. Fifty-five dollars per term is believed to be sufficient to cover the necessary expenses. The unnecessary expenses for sweetmeats, oyster suppers, concerts, etc., may be indefinitely greater. But an economical student can live on $55 a term and suffer no social disparagement ; indeed, several students have during the last year spent only $50 a term and yet lived comfortably. The only caste in the College is based on good conduct and good work. The cost of books varies in different terms ; but the average cost per year will not exceed $10.

The Miss Lindley Endowment.—By the will of the late Miss Lucy Lindley, of Meadville, the College received the sum of ten thousand dollars, the interest of which is devoted to paying the term fees of students dependent upon their own efforts to obtain an education. Applications for aid from this fund should be made to the President. It should be understood, however, that only a few students can be so provided for.

Club Rules.—The club commissaries of the College have agreed upon the following rules :

1. Every member of the club must deposit $10 when he enters the club, and at the opening of every term.

2. Each member must also pay at the end of the first and second months of each term the full amount of his share of the expenses for each month.

3. The deposit of $10 will be applied as far as may be needed to the expenses of the third month of the term.

These regulations are necessary to enable the commissaries to buy advantageously for cash, and to relieve all members of all risks from bad debts. There are no profits ; therefore there can be no losses. A student dismissed from one club for slackness in meeting his obligations will not be admitted to any other. The club system is worth at least forty dollars a year to each student. It is therefore to the interest of all to support the system by prompt payment.

Self-Help.—Young men help themselves in several ways. About twenty of the present students are paying their expenses in whole or in part. There are ten or twelve employed in light work connected with the College or the boarding clubs. Others are serving churches in the neighborhood of Meadville. It is the policy of the College to help students to help themselves, and at the same time to keep the expenses as low as is consistent with comfort and health. As a rule, a student should have at least $100 in hand, or in prospect, when he enters; if he has pluck, health and studious habits, he will usually be able to go through College.

Expenses of Ladies.—The expenses of ladies are about the same as those of gentlemen. They pay in Hulings Hall for furnished rooms, heat and light, about the same rate as gentlemen pay in private houses. Each should bring with her the following articles : Sheets, pillow cases and bed covering; towels, napkins, knife, fork and spoons. The rooms are furnished with beds, mattresses, pillows, chairs and tables.

The Hall is in charge of a Lady Principal, under the direction of the Faculty. The building will be kept in good condition, and all necessary additions made to the furniture and carpets.

It is believed that the sanitary condition of the building is perfect.

The young ladies pay room rent directly to the Treasurer of the College at the beginning of each term, at the following rates: In the main corridors: If two occupy a room, each will pay $8 a term on the second floor; if one has a room exclusively, she will pay $12 a term. In the rear corridors: Two in a room, each will pay $5 a term; if one has a room exclusively, she will pay $8 a term. On the third floor each student will pay one dollar less than on lower floors. Permission to occupy rooms exclusively will be granted by the Lady Principal when the number of furnished rooms is sufficient.

The regulations for the visits of gentlemen at the Hall are simply those of respectable families. There are proper hours for calling and visiting in the parlors of the Hall, and in respect to all social matters, the Lady Principal will carry out the instructions of the parents of the young ladies. Young ladies are allowed the freedom which they would have at home. Whatever would be unladylike is forbidden; whatever prudent and affectionate parents permit is allowed. Ladies not living at home or with relatives must live in Hulings Hall.

Physical Culture.—While there is an abundance of time for out-door exercise, yet during those seasons when this is impracticable, two lessons a week are given in Physical Culture. This is supplemented by practice on intervening days. No special system is employed, but the most helpful exercises are selected from Delsarte, Swedish, &c., and adapted to individual needs. Exercises are given to promote the conditions of health in the student; to gain physical poise and self-possession so essential to a vigorous, graceful and true woman. Young ladies living in Hulings Hall are required to take this course unless presenting a certificate from a physician. Students living in the town may avail themselves of this privilege.

Important Regulations.—The President does not excuse any student from any duties in his class. Those who wish to leave town must obtain the permission of the President. They must also obtain the assent of the instructors of their several classes. When special requests are made to the President they are understood to be made to the Faculty; and the proper form of such requests is a

written application for the desired excuse or favor, and this written request should set forth plainly the reasons for it.

Special Examinations.—Students desiring special examinations are required to make application for the same at least one month before such desired examination, and no student will be allowed more than three special examinations in one year.

Number of Studies.—Every student must have not less than three studies. No student can take more than four studies without the special permission of the Faculty, upon written request, which must be presented on or before the second Monday of each term. The answer to this request will depend upon the student's health and his standing in other classes; very few students are able to pursue more than four studies at one time. The effort to study five or six impairs scholarship in all. It is better not to graduate than to do so on the cramming system.

Literary Societies.—There are three Literary Societies: The Allegheny, Philo-Franklin, Ossoli (the ladies' society). The Societies have their respective halls and libraries. The libraries contain about 3,000 volumes. The Societies hold public literary exercises and prize contests in the Chapel. These Societies render the College efficient service in the literary and forensic training of students, and the society friendships are invaluable to the members. The regular meetings are held on Friday evenings.

The Weekly Holiday.—The sessions of the College are held on Tuesdays, Wednesdays, Thursdays, Fridays and Saturdays, leaving Monday instead of Saturday for rest. This plan has been in use for the past eight years, and is greatly preferred by teachers and students. It is adapted to the wants of students in towns adjacent to Meadville—within forty or fifty miles—who desire to spend Sunday at home. The railroads furnish mileage tickets at reduced rates, and the clubs make a deduction for absence from the boarding tables. The cost of spending Sunday at home is in this way made small. This plan is commended to the attention of parents who may be so situated as to be able to avail themselves of its obvious advantages.

Degrees.—The degree of Bachelor of Arts is conferred upon those who complete, in a satisfactory manner, either of the three courses, Classical, Scientific, Latin and Modern Languages.

The degree of Civil Engineer is conferred upon those who complete the Engineering course.

The degree of Master of Arts may be conferred in course on every Bachelor of Arts of three years' standing, who has been engaged since his graduation in some literary occupation, and has sustained a good moral character. Applications should be made to the President as early as the first of June, accompanied by the usual fee of five dollars.

The Master's degree may also be conferred, *pro merito*, one year after graduation upon any Bachelor of Arts who completes the studies of the first year of one of the post-graduate courses and complies with the conditions prescribed in the post-graduate circular.

The degree of Doctor of Philosophy is conferred upon graduates of colleges who pass satisfactory examination in the studies prescribed for this degree.

ELOCUTION.

The art of expression is one of the indispensable subjects in a college curriculum. Students are required to have at least one year of study in this department before taking the A. B. degree As far as possible class work is made individual work, each member receiving special attention in the correction of mannerisms or vocal defects. "All good elocution is founded on good thinking;" therefore the means employed is made subordinate to the end, which is intelligent and intelligible expression. Students are taught not only to express the thoughts of others, but also to improve the expression of their own thoughts.

The course pursued is as follows :

First Grade : Exercises to improve physical powers of expression, study of attributes, simple, descriptive reading—colloquial style—melody in speech.

Second Grade : The reading of more difficult prose and poetry; cultivation of the speaking voice. Special drill in declamation, essay, oration and extemporaneous speaking.

Third Grade: Philosophy of expression. Gesture—The reading of Shakespeare, Milton, Hugo and others.

The third grade is pursued in the second year, and in every case must be preceded by a thorough training in the former grades.

Students may receive credit for private instruction in this department.

THE COLLEGE COURSES.

ADMISSION.—Candidates for admission to the Freshman Class are required to pass a satisfactory examination in the following subjects:

LATIN.	Latin Grammar, including Prosody—Allen & Greenough. Latin Prose Composition, Collar or Daniel. Cæsar—Four Books. Sallust—Catilinarian War. Cicero—Six Orations. Virgil—Six Books of Æneid.
GREEK.	Greek Grammar—Goodwin's preferred. Xenophon—Anabasis, seven books complete, and *or* Prose Composition, Allinson, Parts I and II.
FRENCH.	Two years for the Latin and Modern Language Course. For the Scientific Course two years of French will be accepted in place of Greek.
MATHEMATICS.	Arithmetic. Algebra—Wentworth. Geometry—Wentworth.
HISTORY.	United States History, Johnston's; History of the World, History of Greece, History of Rome, as much as is found in Myers & Allen's Ancient History.
ENGLISH.	English Grammar. English Literature. Rhetoric—Hill's Elements. Civil Government—Macey.
SCIENCE.	Physiology—Walker. Physical Geography—Eclectic. Natural Philosophy—Gage.

Students who are deficient in some studies and feel that they are able to make them up, may be classed as Freshmen, conditionally.

Works of equal grade will be accepted in place of those named.

PREPARATORY SCHOOL.---Courses of Study.

NOTE.—Classical students will take Greek; Latin and Modern Language students will take French, and Scientific students will take either Greek or French. In the Latin and Modern Language Course, an equivalent amount of Music, certified to by the Director of the Conservatory, will be accepted in place of certain studies to be designated by the Faculty. Six English Essays are required of every student each year.

	FIRST YEAR.	SECOND YEAR.	THIRD YEAR.
FIRST TERM.	Military Drill. Latin Grammar and Lessons. Arithmetic. English Grammar and Composition. Physiology.	Military Drill. Cæsar and Latin Composition. Algebra I. Natural Philosophy. Greek I. or French I.	Military Drill. Cicero and Latin Composition. Advanced Algebra and Elementary Determinants. Elementary Rhetoric. Anabasis and Greek Composition or French IV.
SECOND TERM.	Military Drill Latin Grammar and Lessons Complete Arithmetic. English Grammar and Composition. United States History.	Military Drill. Sallust and Latin Composition. Algebra II. General History. Greek II. or French II.	Military Drill. Virgil and Mythology. Plane Geometry. English Literature and Readings. Anabasis and Greek Composition or French V.
THIRD TERM.	Military Drill. Cæsar and Latin Composition. Complete Arithmetic. United States History and Civil Government. Physical Geography.	Military Drill. Cicero and Latin Composition. Algebra III. General History. Anabasis and Greek Composition or French III.	Military Drill. Virgil and Mythology. Solid and Spherical Geometry. English Literature and Readings. Xenophon or French VI.

For Drill and Tactics equivalent exemptions will be allowed in other studies of the course. The subjects for which military training and study may be substituted will be designated in each case by the Faculty. A list of these studies appears in the Cadets' Manual.

COURSES OF STUDY.---Freshman Year.

NOTE.--Studies not marked elective are required; but a sufficient number must be elected to make twenty exercises a week throughout the Freshman and Sophomore years. The arabic numerals denote the number of recitations a week.

	Classical.	Scientific.	Latin and Modern Languages.
FIRST TERM.	Livy or Cicero De Senectute. 4. Homer's Iliad. 5. Geometry Reviewed. } 5. Geometric Conic Sections. } Zoology I. 4. Drill and Tactics. English Authors. 2.	Livy or Cicero De Senectute. 4. German I. 5. Geometry Reviewed. } 5. Geometric Conic Sections. } Zoology I. 4. Drill and Tactics. English Authors. 2.	Livy or Cicero De Senectute. 4. German I. 5. Geometry Reviewed. } 5. Geometric Conic Sections. } Zoology I. 4. Drill and Tactics. English Authors. 2.
SECOND TERM.	Horace—Odes. 4. Homer's Iliad and Demosthenes. 5. Logarithms—Trigonometry. 5. Zoology II. 4. Tactics. English Authors. 2.	Horace—Odes. 4. German II. 5. Logarithms—Trigonometry. 5. Zoology II. 4. Tactics. English Authors. 2.	Horace—Odes. 4. German II. 5. Logarithms—Trigonometry. 5. Zoology II. 4. Tactics. English Authors. 2.
THIRD TERM.	Horace—Satires and Epistles. Catullus. 4. Lysias or Demosthenes. 5. Surveying. 5. Botany. 4. Tactics. American Authors. 2.	Horace—Satires and Epistles. Catullus. 4. German III. 5. Surveying. 5 Botany. 4. Tactics. American Authors. 2.	Horace—Satires and Epistles. Catullus. 4. German III. 5. Surveying. 5. Botany. 4. Tactics. American Authors. 2.

NOTE-- For Drill and Tactics equivalent exemptions will be allowed in other studies of the course. The subjects for which military training and study may be substituted will be designated in each case by the Faculty. A list of these studies will appear in the Cadets' Manual.

COURSES OF STUDY---Sophomore Year.

Students who omit Mathematics in the Modern Language Course must take Junior German.

	Classical.	Scientific.	Latin and Modern Languages.
FIRST TERM.	Tactics. Chemistry. 5 ELECTIVES. Tacitus—Annals. 5 Analytical Geometry. 5 Plato—Apology and Crito. 5 German I. 5 Hebrew I. 5	Tactics. Chemistry. 5 German IV. 5 Analytical Geometry. 5 Botany. 5	~~Tactics.~~ Chemistry 5 Tacitus—Annals. 5 German IV. 5 ~~Analytical Geometry~~. 5
SECOND TERM.	Tactics. Chemistry. 5 ELECTIVES. Quintilian: Bk. X. 5 Analytical Geometry and Calculus. 5 Greek Tragedy. 5 German II. 5 Hebrew II. 5	Tactics. Chemistry. 5 German V. 5 Analytical Geometry and Calculus. 5 Biology. 5	~~Tactics~~. Chemistry. 5 Quintilian: Bk. X. 5 German V. 5 ~~Analytical Geometry and Calculus~~ 5
THIRD TERM.	Tactics. Chemistry and Mineralogy. 5 ELECTIVES. Juvenal: Satires. 5 Calculus. 5 Demosthenes. 5 Hebrew III. 5 German III. 5	Tactics. Chemistry and Mineralogy. 5 German VI. 5 Calculus. 5 Microscopy. 5	~~Tactics~~. Chemistry and Mineralogy. 5 Juvenal. 5 German VI. 5 ~~Calculus~~ 5

NOTE---For Drill and Tactics equivalent exemptions will be allowed in other studies of the course. The subjects for which military training and study may be substituted will be designated in each case by the Faculty. A list of these studies will appear in the Cadets' Manual.

COURSES OF STUDY---Junior Year.

An average of eighteen exercises a week required. No student will be admitted to the Junior class who has not completed all Preparatory work. No student will be classified Junior who has not completed Freshman Mathematics.

	Classical.	Scientific.	Latin and Modern Languages.
FIRST TERM.	Physics. 5 Advanced Rhetoric. 3 Political Science. 3 ELECTIVES. German IV. 5 Terence: Adelphi. 2 Aeschylus: Prometheus Vinctus. 2 Mediæval History. 3	Physics. 5 Chemistry—Quantitative and Qualitative. 3 ELECTIVES. Advanced Rhetoric. 3 German VII. 5 Political Science. 3 Mediæval History. 3	Physics. 5 Advanced Rhetoric. 3 ELECTIVES. Political Science. 3 German VII. 5 Mediæval History 3 ~~Chemistry—Quantitative and Qualitative.~~ 3 ~~Terence: Adelphi~~ 2 ~~German IV. 5~~, ~~Greek I.~~
SECOND TERM.	Physics. 5 Evidences of Christianity. 2 ELECTIVES. Modern History. 3 German V 5 English Philology. 3 Plato: Protagoras. 2 Plautus: Captivi. 2	Physics. 5 Chemistry—Quantitative and Qualitative. 3 Evidences of Christianity. 2 ELECTIVES. German VIII. 5 Modern History. 3 English Philology. 3	Physics 5 Evidences of Christianity. 2 ELECTIVES. German VIII. 5 Modern History. 3 English Philology. 3 ~~Plautus: Captivi.~~ 2 ~~Chemistry—Quantitative and Qualitative.~~ 3 ~~German V. 5~~, ~~Greek II.~~
THIRD TERM.	Physics. 5 Political Science. 3 ELECTIVES. Astronomy. 5 Shakespeare. 2 German VI 5 Cicero: De Oratore. 2 Aristophanes—The Clouds. 2	Physics. 5 Astronomy 5 Chemistry—Assaying. 3 ELECTIVES. German IX. 5 Shakespeare. 2 Political Science. 3	Physics. 5 Political Science. 3 ELECTIVES. German IX. 5 ~~Astronomy.~~ 5 ~~Shakespeare.~~ 2 ~~Cicero: De Oratore.~~ 2 ~~Chemistry—Assaying.~~ 3 ~~German III. 5~~, ~~Greek III.~~

COURSES OF STUDY---Senior Year.

All studies are required.

	Classical.	Scientific.	Latin and Modern Languages.
FIRST TERM.	Metaphysics. 5 Bible Study. 3 Lectures on English Literature. 2 Constitutional Law. 2 Political Economy. 3 Elocution. 2	Metaphysics. 5 Advanced Physics. 3 English Literature. 2 Constitutional Law. 2 Political Economy. 3 Elocution. 2	Metaphysics. 5 Bible Study. 5 English Literature. 2 Constitutional Law. 2 Political Economy. 3 Elocution. 2
SECOND TERM.	Geology. 3 Political Economy. 3 Metaphysics and History of Philosophy. 3 Lectures on English Literature. 2 Municipal Law. 2 Logic. 3 Elocution. 2	Geology. 3 Political Economy. 3 Metaphysics and History of Philosophy. 3 Advanced Physics. 3 Municipal Law. 2 Logic. 3 Elocution. 2	Geology. 3 Political Economy. 3 Metaphysics and History of Philosophy. 3 English Literature. 2 Municipal Law. 2 Logic. 3 Elocution. 2
THIRD TERM.	Moral Philosophy. 3 International Law. 2 Geology. 4 Science of Language. 2 Lectures on American Literature. 2 Aesthetics. 4 Elocution. 2	Moral Philosophy. 3 International Law. 2 Geology. 4 Advanced Physics. 3 Aesthetics. 4 American Literature. 2 Elocution. 2	Moral Philosophy. 3 International Law. 2 Geology. 4 Science of Language. 2 American Literature. 2 Aesthetics. 4 Elocution. 2

ENGINEERING COURSE.

FOR ADMISSION:---Arithmetic, Algebra, Plane and Solid Geometry, Descriptive and Physical Geography, Natural Philosophy, Physiology, English Grammar, History of the United States and Civil Government.

	Freshman Year.	Sophomore Year.	Junior Year.	Senior Year.
FIRST TERM.	Freehand Drawing. 5 Geometry Reviewed. } 5 Geometric Conic Sections. } Zoology. 5 Drill and Tactics. Elective—French, German, Latin, Elementary Rhetoric. 5	Descriptive Geometry. 5 Analytical Geometry. 5 Chemistry 5 Drill and Tactics. Elective—French, German, Latin, or Advanced Botany. 5	Topographical Drawing. 5 Physics. 5 Chemistry, Quan. and Qual. 3 Rhetoric. 3 Mediæval History. 3	Advanced Physics. 3 R. R. Engineering. 5 English Literature. 2 Constitutional Law. 2 Political Economy. 3
SECOND TERM.	Mechanical Drawing. 5 Trigonometry. 5 Zoology. 5 Drill and Tactics. Elective—French, German, Latin, Elementary English Literature. 5	Shades and Shadows. 5 Perspective. Analytical Geometry and Calculus. 5 Chemistry and Mineralogy 5 Drill and Tactics. Elective—French, German, Latin, Biology. 5	Physics. 5 Chemistry, Quan. and Qual. 3 Roads, Streets, and Pavements. 5 Modern History. 3	Geology. 3 Advanced Physics. 3 Bridges and Roofs. 5 English Literature. 2 Political Economy. 3
THIRD TERM.	Descriptive Geometry. 5 Surveying. 5 Botany. 5 Drill and Tactics. Elective—French, German, Latin, Elementary English Literature. 5	Machine Drawing. 5 Calculus. 5 Chemistry and Mineralogy. 5 Drill and Tactics. Elective—French, German, Latin, or Microscopy. 5	Physics. 5 Chemistry, Assaying. 3 Architectural Drawing, 4 Plates. 2 Civil Engineering. 5 Political Science. 3	Geology. 4 Astronomy. 5 Advanced Physics. 3 Stereotomy. 3 American Literature. 2 Thesis on some professional topic during the year.

N. B.—Students are advised to elect French or German. Studies not marked Elective are required, and enough must be elected to make up twenty recitations a week through the Freshman and Sophomore years. In the Junior and Senior years all studies are required. The numerals denote the number of recitations a week.

For Drill and Tactics equivalent exemptions will be allowed in other studies of the course. The subjects for which military training and study may be substituted will be designated in each case by the Faculty. A list of these studies appears in the Cadets' Manual.

PRIZES AWARDED 1892-3.

ALLEGHENY LITERARY SOCIETY.

Chautauquan Oration Prize, - - Asa Jackson Eckles

Alumni Essay Prize, - - - - - Not Awarded

PHILO-FRANKLIN SOCIETY.

Polyhymnian Declamation Prize, - - - Not Awarded

Centenary Oration Prize, - - - Edgar P. Harper

Kalamathean Essay Prize, - - - - Not Awarded

Alumni Essay Prize, - - - Herman S. Chamberlain

OSSOLI LITERARY SOCIETY.

Flood Declamation Prize, - - - - Not Awarded

* Arlie Mead Thoburn Essay Prize, - - Elva L. Bascom

Subject - John Greenleaf Whittier.

INTERIOR VIEW OF LIBRARY.

REGISTER OF STUDENTS.

SENIORS.

Beardsley, Reed DeW., (E.) . . . . Meadville
Bird, George W., ... Freeland
Cooper, Rebecca . . . . . Meadville
Cary, Jesse W., ... Meadville
Chesbro, Ellis J., ... Sheridan, N. Y.
Campbell, James W., (E.) . . . . . Kane
Cummings, Birde E., ... Geneva
Dickey, Clinton M., ... Hartstown
Danforth, John L., ... Warren
Darragh, Robert W., ... Beaver
Douthitt, Theodore A., ... N. Sewickley
Davis, George S., (E.) . . . . . Meadville
Davis, Alden O., ... Monongahela City
Dunn, Anna . . . . . Meadville
Eckles, Asa J., ... Harthegig
Echols, Monroe J., ... Erie
Gamble, R. Bruce, ... Meadville
Gelvin, Leeida M., ... Meadville
Gelvin, Vernice G., ... Meadville
Gibson, Wilmot H., (E.) . . . . Blooming Valley
Harper, Edgar P., ... North Hope
Harper, Margaret, ... Meadville
Heydrick, Benjamin A., ... Meadville
Howe, John K., ... Tarentum
Howard, Clara B., ... Chardon, O.
Humes, Sylvester C., ... Cambridge
Kurtz, Robert M., ... Cleveland, O.
Mowry, Edgar D., ... Gowanda, N. Y.
Murphy, Frank H., (E.) . . . . . Millerstown
Merchant, Willis J., ... Grove City
Porter, J. Bennett, (E.) . . . . . Meadville
Patchin, R. Harry, ... Chardon, O.
Rand, Herbert W., ... Oil City
Temple, Laura, ... Warsaw
Watson, R. Belle, ... New Castle

Students whose names are followed by (E) are in the Civil Engineering Course. The others are in A. B. Courses.

JUNIORS.

Arthur, Urie Nelson, (E.)	Belle Valley
Bascom, Elvira L.,	Meadville
Byerly, Minnie	Sharpsville
Calvin, Arthur J.,	Meadville
Dickson, Eva B.,	Blooming Valley
Douds, William Sherman,	Calvin's Corners
Edson, Amanda,	Meadville
Frey, Jean M.,	Meadville
Fritchman, Elizabeth,	West Newton
Jagomast, Francis Joseph, (E.)	Oak Park, Ill.
McElroy, Fred W., (E.)	Smethport
Mount, Winifred,	Oil City
Murphy, William R.,	St. Petersburg
Reed, Edwin Downing, (E.)	Meadville
Scott, Flossie,	Baldwin
Smith, Edward V., (E.)	Meadville
Staples, Arthur,	Kane
Stilson, William Earl,	Sugar Grove
Urick, Mary,	Meadville
Virtue, Clare Wellington,	Guy's Mills

SOPHOMORES.

Barron, Walter George,	Barron Vale
Berkhouse, Homer Milton, (E.)	Meadville
Calvin, Florence,	Meadville
Derby, George G.,	Meadville
Elliott, Alfred Cookman,	Deerfield, O.
Fenno, Vena,	Mill Village
Fradenburg, Ernest Minor,	Union City
Harrop, Harry Stuart, (E.)	Braddock
Jaynes, Edwin W.,	Randolph, N. Y.
Johnson, Maude,	West Middlesex
Latshaw, David G.,	Clarion
McKinney, Horace,	Meadville
Pachejieff, Kosta J.,	Meadville
Pickard, Ray F.,	Jamestown, N. Y.
Robbins, Lorin Leroy,	McKeesport

Roddy, Alice E., ... Meadville
Rose, Susan A., ... Meadville
Swearer, Wilbur C., ... New Kensington
White, Norris A., ... New Castle
Wood, Samuel Adino, (E.) . . . . Grampian

FRSEHMEN.

Allen, Mary E. L., ... Meadville
Appleby, Florence, ... Meadville
Barber, Margaret Browning, . . . Meadville
Bates, Walter Irving, ... Meadville
Brisbin, Aldus Mead, ... West Freedom
Chamberlain, Herman S., . . . Krumroy, O.
Cowell, George G., ... Meadville
Crary, Miner D., ... Sheffield
Davis, Millicent Marguerite, . . N. Bloomfield, O.
Dunn, Arthur D., ... Meadville
Farrar, Clarence B., . . . Cattaraugus, N. Y.
Foster, George L., ... Jamestown, N. Y.
Frisby, Ida, ... Meadville
Fruit, Walter Richard, ... Fredonia
Gageby, Susan Adelia, ... New Castle
Goodwin, Herman Wells, ... Sunville
Harper, Gertrude, ... Meadville
Hatch, Ralph T., ... Garrettsville, O.
Hill, John Sturgeon, ... Candor
Hogg, Herman Brooks, (E.) . . . . Meadville
Homer, F. Leroy, ... New Hamburg
Howe, Gertrude Belle, ... Meadville
Jamison, G. Turner, ... Mt. Jewett
Jaynes, Carey Elijah, (E.) . . . Randolph, N. Y.
Ketner, Urban Goldeth, (E.) . . . Saegertown
Kramer, Margaret Anne, ... Oil City
Larson, Louis A., ... Kane
Lattin, Lena, ... Cattaraugus, N. Y.
Madden, Newton Byron, ... Huntingdon
Marsh, Le Verne Aldin, . . . Union City
Mills, James Robinson, Jr., . . Barnesville, O.

Newcomb, George Buell, . . Townsend, N. Y.
Nutt, Sarah Jane, ... Meadville
Ohlman, Isaac Loeb, ... Meadville
Packer, John S., (E.) . . . . Braddock
Plummer, Ralph W., ... Chicago, Ill.
Porter, Charles Arthur, ... Meadville
Pratt, Minnie Bertha, ... Meadville
Pratt, William Henry, ... Penn Station
Salisbury, Irvin Newton, (E.) . . Center Road Station
Schiek, Samuel Peter, ... Meadville
Shadduck, Agnes Belle, ... Meadville
Slater, Fannie Maude, ... Tidioute
Stackpole, Elbie G., ... Venango
Swartz, Elizabeth Ella, ... Meadville
Thompson, Walter Eugene, . . . Warwick, N. Y.
Townley, John Brown, ... Meadville
Trace, Letitia Estelle, ... Meadville
Weatherby, Milton, (E.) . . Atlantic City, N. J.
Wilson, Wallace Alton, ... Meadville
Wright, Jacob Merrill, ... Apollo

SPECIAL.

Best, M. Blanche, ... Meadville
Laffer, Evelyn, ... Meadville

THIRD PREPARATORY.

Anderson, George Breckenridge, (E.) . . Meadville
Barlett, Francis George, ... Scotch Hill
Bascom, Blanche Elizabeth, ... Meadville
Bassett, Alice Achsa, . . Mulberry Corners, O.
Bogrand, Floyd Henry, . . . Garrettsville, O.
Bordwell, Charles Ellwood, . . Bear Lake, N. Y.
Boynton, Joseph Clarke, (E.) . . . Meadville
Bush, Earl Gunnison, ... Meadville
Carpenter, Otis Raymond, - - - Blooming Valley
Chesbro, Phrania, - - - Sheridan, N. Y.
Creal, Earl Lindsey, - - - Jamestown, N. Y.
Douds, Robert Calvin, - - - Calvin's Corners

Faber, George Earle, - - - - Cambridgeboro
Gilmore, Lyle Donald, - - - Blooming Valley
Hall, Robert Carson, - - - - - Kane
Jacobson, Emma Louise, - - - - Meadville
Johnson, Cyrus Victor, - - - - Venango
Kittle, James S., - - - - - Titusville
Knox, Luther L., (E.) - - - - Pulaski
Millhoff, Clarence B., - - - - Donegal
Norris, Ulysses Grant, - - - New Millport
Pachejieff, John J., - - - - Meadville
Palmer, Ida Gorman - - - - Meadville
Palmer, James Joseph, - - - - Meadville
Porter, Walter G., - - - - - Meadville
Prather, Thomas Jefferson, - - - Troy Center
Rich, John Russell, - - - - Ridgway
Shontz, Ruth Esther, - - - - Conneaut Lake
Smith, Edward Ellsworth, - - - - Pulaski
Sutton, Maude Hurlbert, - - - - Butler
Thornton, Arthur William, (E.) - - - Albion
Tobias, William Edmund, - - - New Millport
Wilkinson, Lewis Sutton, - - - - Ruffsdale

SECOND PREPARATORY.

Bordwell, Theodore Ivan, - - Bear Lake
Bunting, George Dallas, Jr., - - Cambridgeboro
Calvin, Presly S., - - - Meadville
Calvin, Robert Baxter, - - - Calvin's Corners
Campbell, Anna, - - - Kane
Chase, Josiah Best, - - - Meadville
Clarke, Maude L., - - Meadville
Crane, Clarence Arthur, - - - Garrettsville, O.
Crittenden, Alice, - - - Conneaut, O.
Curry, William Dickson, - - - Meadville
Dixon, Joseph Abram, - - Warwick, N. Y.
Douds, James Howard, - - - Calvin's Corners
Duntley, Ross Henry, - - - Little Valley, N. Y.
Douglass, Lizzie Pamela, - - - Smethport
Dutton, Grace Edyth, - - Meadville

Gale, Fernando Charles,	Meadville
Gornall, Oliver,	Jamestown, N. Y.
Grant, George,	Tarentum
Henretta, James Edward,	Harmonsburg
Idleman, David Wesley,	Mt. Storm, W. Va.
Kent, Clare,	Linesville
Koen, Homer R.,	Mannington, W. Va.
Lefever, Clarence Homer,	Hayfield
Lewis, Mary Estelle,	Meadville
Luse, Jesse B.,	Carmichaels
McLaughlin, Frank Harry,	Springboro
Minchin, George Albert,	West Mecca, O.
Morris, Frederick,	Vroman
Phillis, Ellis Grant,	Spring Creek
Pierce, Jerry,	Sandford
Popoff, Stephen S.,	Meadville
Porter, Arthur L.,	Meadville
Porter, Robert P.,	Meadville
Spackman, James Paul,	Dubois
Spence, William Arthur,	North Clarendon
Stratton, Harry Ferguson,	Strattonville
Swaney, David Scowden,	Meadville
Tipper, William,	Allegheny
Udall, Charles Mason,	Garrettsville, O.
Wilson, Ulysses Grant,	Meadville
Wolfe, Robert Honnell,	East Bethlehem

FIRST PREPARATORY.

Bardwell, Stoddard William,	Ridgway
Bealer, Elmer Monrose,	Jamestown
Bradish, Willis John,	Mosiertown
Bunce, Charles L.,	Meadville
Davis, Elizabeth,	Reynoldsville
Davis, Marie,	Reynoldsville
Dickson, Nevin R.,	Meadville
Henderson, Arthur P.,	McKeesport
Patton, Joseph Scott,	Hartstown
Phillips, Arthur Wendall,	Meadville

Robinson, Thomas Howard,	Belle Vernon
Stebbins, Homer D.,	Mosiertown
Stratton, Custer Ferguson,	Strattonville
Walter, John, Jr.,	Black Ash
Whiteside, Anna Morgan,	Meadville
Wilson, Ada Speer,	Meadville

UNCLASSIFIED.

Andrews, Maude Lenore,	Garland
Bell, Le La,	Bay City, Mich.
Bentley, Elizabeth Mae,	Albion
Baker, Katherine,	Spring Creek
Bright, Evelyn G.,	Greenville
Coe, Agnes F.,	Parker's Landing
Cribbs, Bertha,	Oil City
Chapman, Helen,	Espyville
Campbell, Luella,	N. Hope
Harper, Ora Pearl,	N. Hope
Moore, Jessie M.,	Garland
Moench, Hattie,	Cattaraugus, N. Y.
Nichols, Helen,	Spring Creek
Porter, Georgiana,	Meadville
Porter, Virginia C.,	Oil City
Stevenson, Fannie,	Conneaut, O.

POST GRADUATE DEPARTMENT.

FACULTY.

D. H. WHEELER, LL. D., Dean.
J. H. MONTGOMERY, Ph. D.
J. W. THOMAS, A. M.
W. A. ELLIOTT, A. M.
W. T. DUTTON, C. E.

EXPLANATORY NOTES.

I. Graduates of reputable colleges completing the three years of any course will receive the degree of Doctor of Philosophy *pro merito*.

II. Students who may have received a classical education, but have not graduated, may be admitted to pursue these courses to the degree of Doctor of Philosophy, but every such case will be considered upon its merits. Such applicants are requested to make a carefully detailed statement of the subjects they have studied, when they apply for admission to the department. Such applicants must be at least thirty years of age before they receive the degree. The A. M. *pro merito* is conferred upon graduates only. See IV.

III. Applications for admission to the course must be accompanied by the entrance fee of five dollars.

IV. Graduates of reputable colleges completing the first year in one of the courses will receive the degree of Master of Arts *pro merito*.

V. Students who have passed to the degree of Master of Arts *pro merito* in this Department, are not required to pay the entrance fee for the degree of Doctor of Philosophy.

VI. Examinations occur in Meadville the week before Commencement, in each year, and a fee of ten dollars is paid for examination upon each year's course. Another time may be arranged for by correspondence. In some of the courses arrangements may be made for examinations upon abstracts of subjects studied. (See X.)

VII. A fee of five dollars is paid for each diploma.

VIII. The whole cost of the Master's degree, including entrance fee and diploma, is twenty dollars; the whole cost of the Doctor's degree is forty dollars; of both degrees, forty-five dollars. Examination fees are due at the end of each year's course.

IX. Mixing courses, or selecting from two or more, is not permitted; a measure of proficiency in some one department of knowledge is the basis on which the *pro merito* degrees are conferred.

X. Students may receive special instructions respecting methods of study by application to the Dean; but the following general rule will be found sufficient in most cases. Read each work carefully, make a full and careful abstract of it, and present these abstracts at the end of each year to the examiner. The abstracts will, in most cases, aid in the examinations, and the making of them will fix the more important parts of such subject in the memory.

XI. The examinations may be taken all at once; but the degree of Master of Arts will not be conferred until one year after graduation to A. B., and the degree of Doctor of Philosophy will not be conferred until three years after graduation to A. B., except for special reasons. Students may devote more than three years to the course; but students who are not passed on any work during two consecutive years will be dropped from the register.

XII. A Thesis must be written and presented to the examiner by every candidate before the degree is conferred. The subjects for theses will be assigned by the several examiners.

XIII. Applicants for admission to these courses will receive blank registration papers to be properly filled up and returned to the Dean, who will then assign each student to the member of the Faculty having charge of the course selected, for direction in his studies.

XIV. Most of the works named in the courses are published in this country. The student can obtain them through any book dealer, or by sending direct to the publisher. In the case of foreign books, any prominent dealer will import them.

POST GRADUATE STUDENTS.

ANDERSON, JAMES W. D., . . . Hot Springs, S. D.
AKROYD, WILLIAM, . . . Poughkeepsie, N. Y.
BALDWIN, AMOS S., ... Newport

BARTON, WILLIAM J., ... Spartansburg
BASH, APPLETON, ... Springdale
BAYLE, SAMUEL B., ... Chicago, Ill.
BEEBEE, WILLIAM C., . . . Waterville, Wash.
BENEDICT, MARTIN G., . . . Edinboro
BIRD, LEVI, ... Auburn, N. Y.
BOWSER, WELLINGTON, . . . Athena, Ore.
BROWN, JOHN C., ... Wolfsburg
BUCKE, JOHN L. S., ... Houtzdale
BUNCE, WILLIAM H., ... Greenville
CAMPBELL, JAIRUS G., . . . Rensselaer, Ind.
CLARK, CHARLES E., . . . Buckhannon, W. Va.
CLAYPOOL, ERNEST V., . . Montesano, Wash.
COOPER, SAMUEL B., . . . Rowley, Mass.
COURTNEY, WM. S., ... Nevada, Mo.
CRISSMAN, GEORGE D., . . . Alverton
DEERING, WILLIAM A., . . Clifton Springs, N. Y.
DEVITT, THEOPHILUS S., . . . Le Raysville
DINGLE, JOHN G., ... Grandin, N. D.
DOUGLASS, THOMAS W., . . Little Valley, N. Y.
DRYDEN, WM. F., . . . Wheeling, W. Va.
EDWARDS, JOSEPH G., . . West Point Pleasant
ESPY, J. BOYD, ... Fredonia, N. Y.
ESPY, H. BOYD, ... Fredonia, N. Y.
EWING, QUINCY, ... New Orleans, La.
FORSCHT, AUGUSTUS C., . . Lewisberry
FREEMAN CHARLES C., . . Williamsport
GAMBLE, J. WARD, . . . Long Branch, N. J.
GIBSON, JAMES S., . . . Morristown, N. J.
GORDON, SAMUEL M., . . . Slippery Rock
GRAHAM, O. H. P. . . . . Brownsville
GROTE, CHARLES A., . . . Greensboro, Ala.
GWYNN, EDMUND J., . . East Bloomfield, N. J.
HEAPES, WILLIAM J., . . West Farmington, O
HERR, WILMER F., . . . Red Bank, N. J.
HILL, CHARLES E., . . . Clymer, N. Y.
HILL, ROBERT E., . . . Ashtabula, O.

HOLLETT, WALTER E., . . . Adamsville, O.
HUMASON, GEORGE HOWARD, . . . Warren
JOHNSON, VIRGIL L., . . . Atlantic
JOHNSON, DELBERT L , ... Bellevue
JOHNSTONE, ALEXANDER W., . . . Harrison, Mich.
KITASHIMA, WATARI, . . . Cambridge, Mass.
KNOX, JANETTE HILL, . . . Wahpeton, N. D.
LAVERTY, JOSEPH H., ... Meadville.
MARLATT, JOSEPH P., . . . St. Louis, Mo.
MARTIN, DEMPSTER D., . . . Reading, Mich.
MARTIN, JOEL, ... East Arlington, Vt.
MAHAFFIE, WM. H., . . . Tucson, Arizona.
MCKEE, ROBERT J., . . . Craigsville.
MCCAUGHTRY, JAMES D., . . . Freeport, Ill.
MASONHEIMER, ALFRED M., . . . Weatherby
MEACHEM, ENOCH, ... Woodbridge, N. J.
MERKLEY, GEORGE E., . . . Greensburg
MILLER, CALVIN H., ... New Texas
MILLER, MILO H., . . . McKeesport
MITCHELL, WALTER, ... Wellsburg, W. Va.
MOORE, EDWARD J., . . . Pyallup, Wash.
MOORE, JOHN W., ... Mentor, O.
MORRISON, IRA D., . . . Tufts College, Mass
MURRAY, JOHN F., ... Wilkinsburg
MURRAY, WILLIAM P., . . . Omaha, Neb.
NASH, FRANK J., ... North East
NEFF, JOHN BELL, . . . Parker's Landing
NEWLIN, ALEXANDER W., . . . Wintersville, O.
NEWKIRK, CHARLES E., . . . Rochester
NICHOLS, SANFORD M., . . . Belmar
NOSS, WILLIAM T., . . . Indianola, Iowa
PARSONS, J. ARNOLD, ... Corry
PAUGH, ISAIAH C., . . . Gnadenhutten, O.
PROCTOR, CHARLES W., . . Chestertown, Md.
QUAYLE, WILLIAM A., . . . Baldwin, Kan.
ROBBINS, BASCOM, ... Toronto, Kan.
ROSS, JOSEPH B., ... La Fayette, Ind.

Rowland, Barger F.,	Madison, N. J.
Sears, Charles H.,	Edinboro
Schepeler, William T.,	Corry
Siling, Will L.,	Mt. Hermon, Mass.
Spencer, Sara A..	Shippensburg
Stenger, William H.,	Greenville
Sturdevant, James W.,	New York, N. Y.
Tannehill, Norman B.,	Freeport
Thomas, George P.,	Friendship, N. Y.
Thompson, Jesse R.,	Manasquan, N. J.
Trach, George,	New Washington
Westwood, John R.,	Long Branch
Whitaker, James,	Quincy, Cal.
Williston, Horace,	Everett, Wash.
Wood, Emory M.,	Baldwin, Kan.
Waarler, Hans S.,	St. Charles, Idaho
White, Elliott F.,	Elizabeth

WINTER SCENE ON THE CAMPUS.

INSTITUTIONS

CO-OPERATING WITH

ALLEGHENY

COLLEGE.

MEADVILLE

CONSERVATORY OF MUSIC.

FACULTY.

MRS. JUVIA C. HULL,
DIRECTOR.
Voice Culture, Oratorio, Concert Singing.

ALTON A. HADLEY,
Piano, Organ, Theory, Harmony, Sight Singing.

MARY RENO PINNEY,
Piano.

FERN PICKARD,
Piano.

ELLA MAE BREDIN,
Voice.

FRED. B. NICHOLS,
Violin and all Stringed Orchestral Instruments.

HELEN F. NICHOLS,
Banjo and Guitar.

F. P. BOYNTON,
Cornet and all Brass Instruments.

FLORENCE LOVERIDGE,
Painting and Drawing.

LUCY PICKETT,
French.

NELLE GERTRUDE NICHOLS,
Physical Culture, Elocution.

GENERAL DESCRIPTION.

At the annual meeting, June 23, 1886, the Trustees of Allegheny College authorized the affiliation of the Meadville Conservatory of Music with the College. Each of the institutions remains under its own management, having separate charters and boards of trustees, but student, in each may avail themselves of the advantages of the other.

Students in the Preparatory School may also study music in the Conservatory. In the preparation for the Latin and Modern Language Course, students may elect two years of Music as a substitute for Historical and other required studies.

Broad Culture Afforded.—The Meadville Conservatory of Music was established for the purpose of affording superior advantages for the study of Music in all its higher branches. It is a universally conceded fact that the intelligent, careful study of Music tends to give a refinement to the general manners, and to elevate the artistic taste to the greatest degree. The courses of study pursued are similar to those of the successful schools of Music in Europe and America, and are calculated to make cultured, thoroughly competent and skillful musicians of the graduates of this school; also to give them a system of school for their use when they in turn wish to become professional teachers. Lectures on music and musicians, and on the works of the masters, are free to the students of the Conservatory.

Parents and others bearing the expense of educating children, even if done without thought of their ever being obliged to use the education as a means of gaining a livelihood, demand that the most thorough systems and careful teaching shall be given in return for their money. This is proper, and the best of teachers can be obtained for lessons at a nominal sum, comparatively, in a large Conservatory, whose prices for private instructions would be beyond the reach of the masses.

DEPARTMENTS OF INSTRUCTION.

A school for the Piano.

A school for the Organ.

A school for Singing, Formation and Cultivation of the Voice, Concert Singing, etc.

A school for the Violin, Orchestra, Quartet and Ensemble playing.

A school for all Orchestral and Band instruments, and the Art of Conducting.

A school for Harmony, Composition, Theory and Orchestration.

A school for Church Music, Oratorio and Chorus Practice.

A school for training Music Teachers for Public Schools, Conventions, etc.

A school of Art.

A detailed outline of the courses of the several schools of Music can be had on application to the Director for the Conservatory Catalogue.

LESSONS.—Pupils may receive two lessons in each branch of Music per week in the regular graduating courses. The Conservatory term consists of ten weeks (twenty lessons). No deduction for lessons missed.

Pupils may enter the Conservatory at any time, but if possible, it is always better to commence with the new term.

FOUR YEARS' COURSE.—The course comprises four years' work, and is divided into grades of three divisions, namely: Preparatory, Intermediate and Advanced.

Pupils are received into any division or grade which upon examination they may be qualified to enter.

RATES OF TUITION.

For private lessons per term of ten weeks, two lessons per week, payable in advance:

PIANO,	1st and 2d grades	$ 15.00
	3d, 4th and 5th grades	20.00
VOICE,	Private Lessons	20.00
CABINET ORGAN,	1st and 2d grades	15.00
	3d, 4th and 5th grades	20.00
Pipe Organ,		20.00
VIOLIN,	1st and 2d grades,	15.00
	3d, 4th and 5th grades,	20.00
Banjo and Guitar,		15.00
CORNET,	1st and 2d grades,	15.00
	3d, 4th and 5th grades,	20.00
Harmony,		20.00

Harmony, class of four,	15.00
Theory of Music, class of four,	15.00
Counterpoint, " "	15.00
Composition, " "	15.00
Orchestration, " "	15.00
Estimated expense per term for music used, about	5.00
Rent of Piano, one hour per day, per term	3.00
Rent of Pipe Organ, two hours per day, per term (motor attachment)	15.00
French,	10.00
Physical Culture,	10.00
Elocution,	15.00

DEPARTMENT OF ART.

DIPLOMAS.—Diplomas are given the graduates of these different courses, signed by the President of the Faculty, Director of Music, and teachers of the various departments from which they are graduated.

LADY STUDENTS' HOME.—Ladies studying Music only are admitted to Hulings Hall on the same terms as other lady students.

There are thorough courses of study in Drawing and in Painting in Oil and Water Colors. For students of sufficient advancement, a class in Drawing from Life will be formed. There will be additional classes in Sketching and in Decorative Art.

The principles and practice of Art will be taught chiefly through the study of Antique Sculpture. On passing a satisfactory examination in this, students can enter other classses.

The studio is fully equipped with the finest full-sized casts of antique statuary, with studies drawn or painted from nature, etc.

RATES OF TUITION IN ART.

For term of ten weeks, two lessons per week, payable in advance:

Painting in Oil or in Water Colors, and use of Studio 3 hours daily	$10 00
Painting on China, and use of Studio 3 hours daily	10 00
Sketching	5 00
Physical Culture	10 00
Elocution	15 00

Classes in Physical Culture are under the instruction of Nelle Gertrude Nichols.

MEADVILLE

BUSINESS COLLEGE.

The Meadville Business College is an independent institution in which the students of the Preparatory School of Allegheny College may pursue business branches with special advantages.

FACULTY.

A. W. SMITH,

Principal of Commercial Department, Lecturer on the Theory and Practice of Business, Teacher of Book-keeping and Banking.

————————————,

General Agent and Teacher Plain and Ornamental Penmanship.

J. E. CAMPBELL,

Assistant in Commercial Department and Teacher of Practical and Ornamental Penmanship.

GEORGE H. St. JOHN,

Principal Academical Department, Shorthand and Typewriting.

A. B. RICHMOND & SON,

Lecturers on Commercial Law and Business Customs.

JEROME COON,

Assistant Teacher Commercial Department and English Branches.

SARAH GOOD,

Assistant in Short-Hand and Academical Department.

The College is located on Water street, but a few steps from the N. Y. P. & O. depot, and its windows look out on the beautiful city and surrounding hills and landscapes, thus obtaining for its spacious study rooms, with their high ceilings, the purest, and the best light.

THE BUSINESS DEPARTMENT.—This department is fitted up with all modern improvements. It is heated by natural gas, and lighted by electricity. Double and single entry book-keeping, as applied to every department of business, is thoroughly taught by practical accountants.

SHORTHAND DEPARTMENT.—The Shorthand Institute and Type Writing School, in connection with the Meadville Business College, offers the best and cheapest facilities to students wishing to acquire the above subjects in the shortest space of time. It is useless to spend years of time in learning the old methods of Phonography.

The rates of tuition are but little more than one-half of that of similar institutions, while the use of the type writers and the instruction on the machine is free to all students in the department.

The demand for stenographers and operators of type writers of this deparment finds for them ready employment at good wages as soon as they have finished their course of study.

PENMANSHIP DEPARTMENT.—Four of the finest penmen in America are connected with this College. Plain Business Writing in every style, Ornamental Penmanship in all its forms, such as Flourishing, Lettering, Fine Shading, Card Writing, German Text, Old English, Pen Drawing, Penciling, etc., is taught.

TERMS OF TUITION AND BOOKS IN BUSINESS COLLEGE.

Scholarship for the full course, entitling the holder to instruction in Book-keeping, Complete Shorthand, Commercial Law, Commercial Arithmetic, Correspondence, Practical and Ornamental Penmanship, Rapid Reckoning, Complete English Course, Type Writing, Detecting Counterfeit Money, etc., $75.00.

Books for Commercial Department for full course, cost from $5.00 to $10.00.

Tuition to ladies 25 per cent. off.

BOOK-KEEPING ALONE OR WITH ALL OTHER BRANCHES.

One month	$ 12 00
Two months	22 00
Three months	30 00
Six months	40 00
Unlimited scholarship	50 00

PRACTICAL PENMANSHIP.

One month	$ 5 00
Two months	7 00
Three months	8 00

ORNAMENTAL PENMANSHIP.

One month	$ 10 00
Two months	18 00
Unlimited scholarship	15 00

SHORT-HAND AND TYPE-WRITING.

Complete course, time unlimited	$ 40 00
Students holding full course Scholarships, 25 per cent. off, or	30 00
Full course, six months	30 00
Three months	20 00
Two months	15 00
One month	8 00
Telegraphy	Rates on Application.

TYPE WRITING.

To those who do not hold Scholarships, per month	$5 00

All students not in the Short-Hand Department practicing on these machines will pay $2.00 per month for use of machine.

All tuition payable in advance.

Students from Allegheny College will be admitted to any of the departments at half rates.

Send for *The Reporter*, giving full information. Enclose four cents in stamps. Address, A. W. SMITH, Meadville, Pa.

CALENDAR FOR 1893-1894.

June 22, 23, 24, 1893, . . . Annual Examinations

June 25, 10:45 a. m., . . Baccalaureate Sermon

By President D. H. Wheeler, LL. D.

June 25, 7:45 p. m., Annual Sermon before College Y. M. C. A.

By the Rev. C. C. Albertson, Jamestown, N. Y.

June 26, 2 p. m., ... Field Day

June 27, 3:30 p. m., Annual Meeting of Board of Control

June 27, 8:00 p. m., . . Inter-Society Contest

June 28, 9:30 a. m., Annual Meeting of Board of Trustees

June 28, 2:00 p. m., . . Meeting of Alumni Association

June 28, 8:00 p. m., . . . Senior Class Day

June 29, 10:00 a. m., . . Commencement Exercises

June 29, 8.00 p. m., . . Dedication of Wilcox Hall

SUMMER VACATION.

September 19, Tuesday, 9:00 a. m., . Fall Term Begins

December 14, Thursday, . . . Fall Term Ends

WINTER VACATION.

January 2, 1894, Tuesday, . . Winter Term Begins

March 22, Thursday, . . . Winter Term Ends

SPRING VACATION.

April 3, Tuesday, . . . Spring Term Begins

June 28, Thursday, ... Commencement

SUMMARY OF STUDENTS.

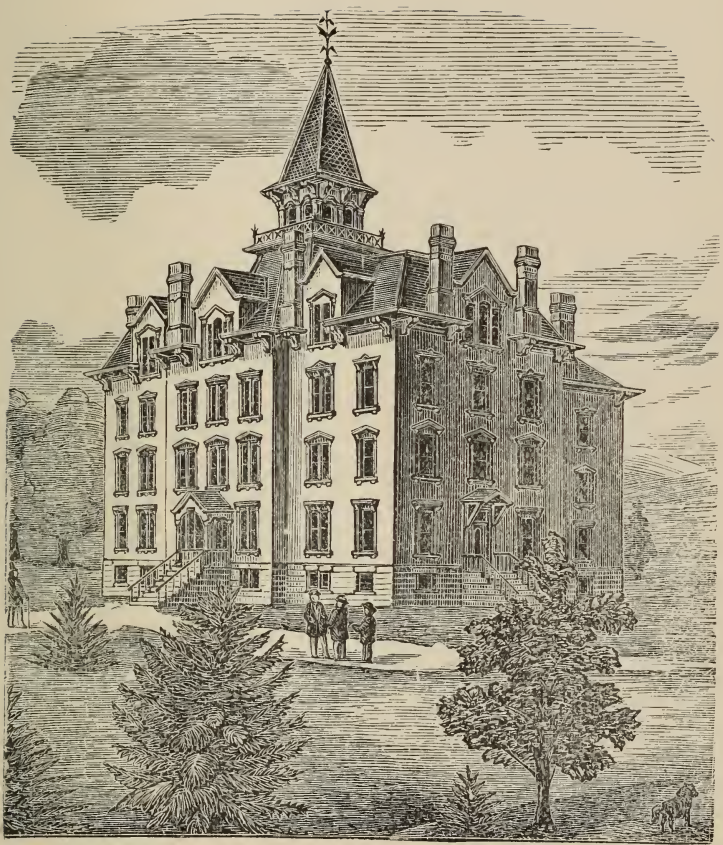
COLLEGE :—

Post-graduate	97
Seniors	35
Juniors	20
Sophomores	20
Freshmen	51
Special	2
	225

PREPARATORY :—

Third Preparatory	33
Second Preparatory	41
First Preparatory	16
Not classified	16
Total	106

Students in Conservatory of Music	252
Students in Business College	205
	788
Deduct students counted twice	27
Grand total	761



HULINGS HALL—ALLEGHENY COLLEGE.

CONTENTS.

	PAGE.
Bentley Hall, (Cut),	2
Board of Trustees,	4
Officers of the Board,	5
Centenary Board,	6
Joint Board of Control,	6
Visiting Committee,	6
Instruction and Government,	7
Officers of the Faculty,	8
Description of the College:	
Meadville,	9
History,	9
Grounds and Buildings,	10
Apparatus,	11
The Museum,	12
Library and Reading Room,	13
Courses of Study,	13
Departments of Instruction,	15
Admission and Classification,	19
Preparatory Instruction,	20
Military Department,	21
General Information:	
Religious Culture,	23
Candidates for the Ministry,	24
Expenses of Students,	25
The Miss Lindley Endowment,	26
Club Rules,	27
Self Help,	27
Expenses of Ladies,	27
Physical Culture,	28
Important Regulations,	28
Special Examinations,	29
Number of Studies,	29
Literary Societies,	29
Weekly Holiday,	29
Degrees,	29
Elocution,	30
The College Courses,	31

COURSES OF STUDY:
Preparatory School, ... 32
Freshman Year, ... 33
Sophomore Year, ... 34
Junior Year, ... 35
Senior Year, ... 36
Engineering Course, ... 37
PRIZES AWARDED 1892–3, ... 38
INTERIOR VIEW OF LIBRARY, (Cut), . . . 40
REGISTER OF STUDENTS:
Seniors, ... 41
Juniors, ... 42
Sophomores, ... 42
Freshmen, ... 43
Special, ... 44
Third Preparatory, ... 44
Second Preparatory, ... 45
First Preparatory, ... 46
Unclassified, ... 47
POST GRADUATE DEPARTMENT, ... 48
POST GRADUATE STUDENTS, ... 49
WINTER SCENE ON THE CAMPUS, (Cut), . . . 53
CONSERVATORY OF MUSIC:
Faculty, ... 56
General Description, ... 57
Departments of Instruction, ... 57
Rates of Tuition, ... 58
Department of Art, ... 59
Rates of Tuition in Art, ... 59
BUSINESS COLLEGE:
Faculty, ... 60
Terms of Tuition, ... 61
CALENDAR FOR 1893–4, ... 63
SUMMARY OF STUDENTS, ... 64
HULINGS HALL, (Cut), ... 65

WILCOX HALL OF SCIENCE.

UNIVERSITY OF ILLINOIS-URBANA
3 0112 051028535